J. Barnie Beasley, Jr., P.E.
Vice President

Southern Nuclear Operating Company, Inc.
40 Inverness Center Parkway
Post Office Box 1295
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Tel 205.992.7110
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SOUTHERN COMPANY
Energy to Serve Your World℠

July 25, 2003

Docket No.: 50-348

NL-03-1556

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant
Inservice Inspection Summary Report

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) submits herewith the Farley Nuclear Plant Unit 1, Interval 3, Period 2, Outage 2 Inservice Inspection Summary Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during the Unit 1 Spring 2003 maintenance/refueling outage. Paragraph IWA-6230 of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 1989 Edition requires submittal of the enclosed report.

The supporting inservice inspection documentation, e.g., examination plans and schedules, examination results and reports, examination methods and procedures, evaluation results, and corrective action and repairs, is available for review upon request at Farley Nuclear Plant.

The Unit 1 steam generator tube inspector report (Technical Specifications 5.6.10.b) is not being submitted for this outage period. The inspection was not required to be performed during this outage period, based on NRC approval of an amended inspection period (Accession Number: ML022340746).

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

J. B. Beasley, Jr.

JBB/JLS/sdl

Enclosure: FNP Interval 3, Period 2, Outage 2 Inservice Inspection Report Tabs A, B, C, and D

A047

cc: Southern Nuclear Operating Company
Mr. J. D. Woodard, Executive Vice President w/o Enclosure
Mr. L. M. Stinson, General Manager – Farley w/o Enclosure
Mr. D. E. Grissette, General Manager - Plant Farley w/o Enclosure
Document Services RTYPE: CFA04.054; LC# 13817

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. F. Rinaldi, NRR Project Manager - Farley
Mr. T. P. Johnson, Senior Resident Inspector - Farley

Joseph M. Farley Nuclear Plant
Inservice Inspection Summary Report

Enclosure

FNP Interval 3, Period 2, Outage 2 Inservice Inspection Report Tabs A, B, C, and D

Inservice Inspection Report Tabs A, B, C, and D

Refueling Outage 18

Interval 3
Period 2
Outage 2

Joseph M. Farley Nuclear Plant – Unit 1
Nuclear Generating Plant
Columbia, Alabama 36319
Commercial Service Date: December 1, 1977

Southern Nuclear Operating Company
40 Inverness Parkway
Birmingham, Alabama 35242

Joseph M. Farley Nuclear Plant – Unit 1
Interval 3, Period 2, Outage 2
Inservice Inspection Report

Tab A

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner Southern Nuclear Operating Co. 40 Inverness Center Parkway, Birmingham, Al 35242 (as agent for Alabama Power Co.)
(Name and Address of Owner)

2. Plant J. M. Farley Nuclear Plant, Hwy 95 South, Columbia, Al. 36319
(Name and Address of Plant)

3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service 12/01/77 6. National Board Number for Unit See Listed N. B. for each component

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel Internals	Westinghouse Pensacola	ALA-RCRIUI	N/A	N/A
Reactor Coolant Piping	Southwest Fabricating	N/A	N/A	N/A
Pressurizer	Westinghouse Tampa	1431	N/A	68-103
Reactor Coolant Pumps C	Westinghouse EMD	RCPCP1-3	N/A	N/A
Class 1 Piping	Daniel Construction	N/A	N/A	N/A
Class 2 Piping	Daniel Construction	N/A	N/A	N/A

Note: Supplemental sheets in the form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1

8. Examination Dates 11/17/01 to 04/29/03

9. Inspection Period Identification: Second Period 04/01/01 to 08/01/04

10. Inspection Interval Identification: Third Interval 12/01/97 to 12/01/07

11. Applicable Edition of Section XI 1989 Addenda None
Subsections IWE and IWL 1992 Addenda 1992

12. Date/Revision of Inspection Plan: FNP-1-M-097; 05/06/02; Revision 3

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Tabs B and C

14. Abstract of Results of Examinations and Tests. See Tab B

15. Abstract of Corrective Measures. See Tab B

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

Date 7/19 2003 Signed Southern Nuclear Operating Co. By _____
(Owner)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 2/10/03 to 7/21/03 ,and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions GA 328 INA
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/21 2003

OWNER'S REPORT
FOR
INSERVICE INSPECTION

DATE: 07/18/03

OWNER NAME AND ADDRESS: Southern Nuclear Operating Co.
40 Inverness Parkway
Birmingham, Al 35242
(as agent for Alabama Power Co.)

NAME AND ADDRESS OF NUCLEAR GENERATING PLANT: Joseph M. Farley Nuclear Plant
Highway 95 South
Columbia, Alabama 36319

NAME ASSIGNED TO NUCLEAR POWER UNIT: Joseph M. Farley Nuclear Plant
Unit 1

OWNER CERTIFICATE OF AUTHORIZATION: N/A

COMMERCIAL SERVICE DATE: December 1, 1977

NATIONAL BOARD NUMBER: See listed NB's for each component

NAME OF COMPONENTS OR PARTS OF COMPONENTS INVOLVED: Representative samples of the following components and systems were examined using nondestructive examination techniques.

CLASS 1

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	ALA SKETCH
Reactor Vessel Upper Internals	B12	1-1200
Reactor Coolant System	B13	1-4200, 1-4205
Reactor Coolant Pump	B41	1-5100B, 1-5300
Pressurizer	B31	1-2100, 1-2100A
Safety Injection System	E21	1-4202, 1-4203, 1-4204, 1-4208, 1-4209
Chemical and Volume Control System	E21	1-4207

CLASS 2

COMPONENT OR SYSTEM	SYSTEM DESIGNATION	ALA SKETCH
Main Steam System	N11	2-4200, 2-4201, 2-4500
RHR System	E11	2-4501, 2-4502, 2-4504, 2-4506, 2-4514, 2-4515, 2-4517, 2-4518
Feedwater System	N21	2-4150, 2-4250, 2-4350
Chemical and Volume Control System	E21	2-4513, 2-4602, 2-4603, 2-4604, 2-4605
Safety Injection System	E21	2-4524, 2-4526, 2-4527, 2-4532, 2-4609, 2-4610, 2-4612, 2-4616, 2-4617, 2-4625, 2-4632, 2-4635

HYDROSTATIC TESTING: **SEE TAB B**

NAME AND ADDRESS OF MANUFACTURER OR INSTALLER OF COMPONENTS:

REACTOR VESSEL INTERALS Westinghouse Electric Corporation Pensacola Division Pensacola, Florida	REACTOR COOLANT PIPING Southwest Fabricating and Welding Co., Inc. Houston, Texas
PRESSURIZER Westinghouse Electric Corporation Tampa Division Tampa, Florida	REACTOR COOLANT PUMP C Westinghouse Electric Corporation Electro Mechanical Division Cheswick, Pennsylvania
CLASS 1 & 2 PIPING Daniel Construction Co. Greenville, South Carolina	

INSERVICE INSPECTION DATES: **11/17/01 TO 04/29/03**

NAME OF AUTHORIZED NUCLEAR INSPECTOR: Charles G. Ward

NAME AND MAILING ADDRESS OF INSPECTOR'S EMPLOYER:

Hartford Steam Boiler Inspection and
Insurance Company of Connecticut
One State Street
Hartford, CT. 06103

ABSTRACT: SEE TABS B AND C

Joseph M. Farley Nuclear Plant – Unit 1
Interval 3, Period 2, Outage 2
Inservice Inspection Report

Tab B

J. M. FARLEY NUCLEAR PLANT UNIT NO 1
INTERVAL 3 PERIOD 2 OUTAGE 2
BALANCE OF PLANT/REACTOR VESSEL EXAMINATION SUMMARY

INTRODUCTION

An Inservice examination of Class 1 and 2 components and piping systems was conducted at Farley Nuclear Plant Unit 1 during March and April 2003. The examinations were performed in accordance with an approved Examination Program Plan located under Tab C of this report. The primary areas of examination included the Reactor Vessel upper internals, RCS Piping, RHR/CVCS Piping and supports and Main Steam/Main Feedwater Piping and supports.

The program utilized ultrasonic, surface and visual nondestructive testing methods in accordance with the requirements of ASME Section XI 1989 Edition and Technical Specifications 5.5.7, 5.5.8 and 5.5.16.

Also included is a summary of the results of Containment examinations performed in accordance with ASME Section XI 1992 Edition with the 1992 Addenda of Subsections IWE and IWL.

Selected examinations and related activities were witnessed by representatives of Southern Nuclear Operating Company and its Authorized Inspection Agency. All examinations were performed to the extent practical within geometric and physical limitations.

RESULTS

Examinations resulted in recordable indication areas being noted on the basis of procedure recording criteria, which generally are more conservative than specified in the ASME Section XI Acceptance Standards. Indications were evaluated and dispositioned by Indication Evaluation Reports (IER's). A listing of IER's is attached and the data sheets are available at FNP for review. The results are summarized below.

SUMMARY OF INDICATIONS

CLASS 1

(A) VOLUMETRIC EXAMINATIONS

- There were five (5) Class 1 Volumetric indications. All of the indications were dispositioned as root geometry and found acceptable.

(B) SURFACE EXAMINATIONS

- There was one (1) Class 1 Surface indication. The indication was dispositioned as being within the applicable Code limits and therefore acceptable.

(C) VISUAL EXAMINATIONS

- There were twelve (12) valves and two (2) flow orifices noted with various degrees of boron accumulation, mainly on the bolted connection. In each case the boron was removed and either an evaluation or a re-examination found each one acceptable.
- Five (5) visual indications associated with piping supports, four (4) for loose bolting and one (1) for a spring can setting were also noted. The loose bolting in each case was tightened and the spring can setting was evaluated as acceptable.

CLASS 2

(A) VOLUMETRIC EXAMINATIONS

- There were fourteen (14) Class 2 Volumetric indications. All of the indications were dispositioned as root geometry and found acceptable.

(B) SURFACE EXAMINATIONS

- There were three (3) Class 2 Surface indications. Each was removed by surface prepping (buffing). A re-examination of each item was acceptable.

(C) VISUAL EXAMINATIONS

- There were no Class 2 Visual indications.

IWE/IWL EXAMINATIONS

- A visual examination of the Unit 1 pre-stressing system was performed during August, 2002. The tendon sample consisted of three (3) hoop, three (3) dome and three (3) vertical tendons. The sheathing filler material for each tendon was sampled and showed no signs of free water. Also the chemical analysis revealed there was no water in excess of 10% by weight in any sample. For two (2) hoop tendons, H13CA and H41AB, the absolute difference between the amount of filler removed and that replaced exceeded 10% of the net duct volume by a small amount (4 gallons and 1 gallon respectively). There was no evidence of excessive leakage and no signs of abnormal corrosion for these tendons. Visual inspection of the containment concrete revealed no evidence of any abnormal structural degradation. The attached table is an excerpt from the tendon inspection report listing the findings for the concrete examinations. The complete inspection report is available at FNP for review.

AUGMENTED EXAMINATIONS

- Augmented surface examinations were performed on the C Reactor Coolant Pump Flywheel. No indications were identified.
- Augmented volumetric examinations were performed on fifty-eight (58) welds on the B loop main steam line. Seven (7) indications were identified during the examinations. Four (4) were dispositioned as root geometry and found acceptable. Three (3) of the indications were dispositioned as being within the applicable Code limits and therefore acceptable.
- An augmented surface examination was performed on one (1) main steam line weld. No indications were identified.

ADDITIONAL EXAMINATIONS

Results from additional examinations which were performed during this outage are as follows:

- **Class 1 System Leakage Test**

  In accordance with ASME Section XI 1989 Edition IWB-5210(a)(1), leak testing of the Class 1 Reactor Coolant System Pressure Boundary was performed prior to startup following the 18th refueling outage. The testing was completed by plant personnel on 04/29/03. A copy of the completed test procedure FNP-1-SOP-1.4 is retained by the Farley Nuclear Plant Document Control.

  In addition, to meet the 1989 Section XI IWA-5242(a) requirement for removal of insulation from bolted connections in "systems borated for the purpose of controlling reactivity" the alternative exam requirements of Relief Request RR-27 were used. This Relief Request allowed the insulation to be removed and the bolted connection to be examined for evidence of leakage at static conditions. If evidence of leakage affecting the bolting was apparent the bolting was removed and examined per IWA-5250(2).

- **Class 1 and 2 Hydrotesting**

  No hydrostatic testing was performed during the 18th refueling outage to meet requirements of the current inspection interval.

- **Class 2 Functional/Inservice Testing**

  Class 2 functional testing performed during the 18th refueling outage included portions of the RHR, Containment Spray, Safety Injection and Charging systems. Data sheets are contained in procedure FNP-1-STP-156.1 and are filed in FNP Document Control.

- **Class MC Examinations**

  Following replacement of the fuel transfer tube blind flange new gaskets were installed and examined per WO 689738. An acceptable final local leak rate test (LLRT) was also performed on the flange. These actions were performed in accordance with the requirements of Relief Request RR-31.

STATUS OF EXAMINATIONS REQUIRED FOR CURRENT INTERVAL

This refueling was the 2nd outage, 2nd period of the current interval and the examinations completed to date represent 100 % of the required examinations of the Class 1 and 2 scope for the current period except for ASME Categories C-A and C-B. A sufficient number of examinations required by these categories will be performed during the next (RF 19) outage and credited for the second ISI period to fully satisfy the ASME requirements. Approximately 62% of the total examinations required for the current interval have been completed.

EXAMINATION SUMMARY
UNIT 1 RF 18

DRAWING	IDENTIFICATION	VOLUMETRIC	SURFACE	VISUAL	IER
ALA1-1200	Upper Internals			NI	
ALA1-2100	3	NI			
	7	NI			
	14	NI	NRI		
	14IR	NI			
ALA1-4200	3	RI	NRI		040
	4R	RI	NRI		041
	5R	RI	NRI		042
	15BC	NRI	NI		
ALA1-4202	1	NRI	NRI		
	2	NRI	NRI		
	3	NRI	NRI		
	4	NRI	NRI		
	5	NRI	NRI		
	SI-R158			RI	034
ALA1-4203	12		NRI		
	13		NRI		
	14		NRI		
	15		NRI		
	SI-A14			RI	029
	SI-R180			NI	
	SI-R215			NI	
ALA1-4204	1	NRI	NRI		
	2	NRI	NRI		
	3	NRI	NRI		
	4	RI	NRI		044
	5	RI	NRI		045
	6	NRI	NRI		
	7	NRI	NRI		
	27		NI		
	28		NI		
	29		NI		
	30		NI		
	31		NI		
	SI-R239			NI	
	SI-R240			NI	
	SI-R242			RI	Snubber Deleted
	SI-R248			NI	
	SI-R248(W8)		RI		027
	SI-R249			NI	
	SI-R252			NI	
ALA1-4205	4	NRI	NI		
	RC-R8			NI	
	RC-R10			RI	051
	RC-R18			NI	
	RC-R20			NI	
	RC-R20(W4)		NRI		
	RC-R26			NI	
	RC-R32			NI	
	RC-R237			NI	

EXAMINATION SUMMARY
UNIT 1 RF 18

DRAWING	IDENTIFICATION	VOLUMETRIC	SURFACE	VISUAL	IER
ALA1-4207	CVCS-R508			NI	
	CVCS-R514			RI	050
	CVCS-R515			NI	
ALA1-4208	1BC		NRI		
	2		NRI		
	3		NRI		
	4		NRI		
	SS-4023			NI	
ALA1-4209	SS-5688			RI	028
ALA1-5300	FW1		NI*		
ALA2-4150	FW-R45			NI	
ALA2-4200	10	RI	NI		037
	MS4-H10			RI	Acceptable
	MS4-H10(W4)		NI		
ALA2-4201	1	RI*			043
	1L1	NRI*			
	2	NRI	NI		
	2L1	NRI*			
	3	NRI*			
	3L1	NRI*			
	4	NRI*			
	4L1	NRI*			
	5	NRI	NI		
	5L1	NRI*			
	7	NRI*			
	7L1	NRI*			
	8		NI*	NI	
	9	RI*			046
	9L1	NI*			
	10	RI*			049
	11BC	NRI*			
	12BC	NRI*			
	13BC	NRI*			
	14BC	NRI*			
	15BC	NRI*			
	16	NRI*			
	17	NRI*			
	18	NRI*			
	19	NRI	NI		
	20	NRI*			
	21BC	RI*			047
	22	NRI*			
	23	NRI*			
	24	NRI*			
	25	NRI*			
	26BC	RI*	NI		048
	27	NRI*			
	28	NRI*			
	29	NRI*			

*Augmented examination

EXAMINATION SUMMARY
UNIT 1 RF 18

DRAWING	IDENTIFICATION	VOLUMETRIC	SURFACE	VISUAL	IER
ALA2-4201	30	NRI	NI		
	31	NRI*			
	32	NRI*			
	33	NRI*			
	34	NRI*			
	35	NRI	NI		
	36	NRI*			
	36L1	NRI*			
	MS-R81			NI	
ALA2-4250	FW-H8			NI	
	FW-H8(W2)		NI		
	AFW-R59			NI	
ALA2-4350	SCS-H708			NI	
ALA2-4500	4	NRI*			
	4L1	NRI*			
	5	NRI*			
	5L1	NRI*			
	14	NI*			
	14L1	NI*			
	15	NI*			
	15L1	NI*			
	16	RI*			039
	16L1	RI*			038
	17	NI*			
	17L1	NI*			
	18	NI*			
	30BC	NRI*			
	31BC	NI*			
	32	NRI*			
	33	NRI*			
	34	NRI*			
	35	NRI*			
	36	NRI*			
	37BC	NRI*			
ALA2-4501	RHR5-R40			NI	
ALA2-4502	RHR6-R68			NI	
ALA2-4504	RHR2-R74			NI	
	RHR2-R74(W8)		NRI		
	RHR2-R78			NI	
ALA2-4506	RHR10-R22			NI	
	RHR10-R22(WS)		NRI		
ALA2-4513	CVC-R205			NI	
	CVC-R205(W4)		NRI		
ALA2-4514	SI-R302			NI	
ALA2-4515	SI-R84			NI	
ALA2-4517	SI-R204			NI	
ALA2-4518	SI-R16			NI	
ALA2-4524	9	RI	NRI		024
ALA2-4526	2	RI	NRI		033

*Augmented examination

EXAMINATION SUMMARY
UNIT 1 RF 18

DRAWING	IDENTIFICATION	VOLUMETRIC	SURFACE	VISUAL	IER
ALA2-4527	CVC-R62			NI	
ALA2-4532	9	NI	NRI		
ALA2-4602	2	NRI	NRI		
	3	NRI	RI		026
	5	NRI	NRI		
	6	NRI	NRI		
ALA2-4603	2	NRI	NRI		
	5	RI	NRI		035
ALA2-4604	6	RI	RI		017 & 020
	7	RI	NRI		021
	SI-R4			NI	
	SI-R4(WS)		NI		
ALA2-4605	10	NI	NRI		
	11	RI	NI		016
	12	RI	NI		015
	14	RI	NRI		019
	15	NRI	NRI		
	20	RI	NRI		036
	SI-R9			NI	
ALA2-4609	1	RI	NRI		032
	8	RI	NRI		022
ALA2-4610	8	RI	RI		018 & 030
	9	RI	NRI		031
ALA2-4612	SI-R268			NI	
	SI-R272			NI	
ALA2-4616	7		NI		
	15		NI		
	SS-2008			NI	
ALA2-4617	2		NI		
	14		NI		
	SS-4007			NI	
	SS-4016			NI	
ALA2-4625	SI-R32			NI	
	SI-R37			NI	
ALA2-4632	SI-R55			NI	
ALA2-4635	6		NI		
	SS-1983			NI	

ALA
SUMMARY OF RECORDED INDICATIONS
2003 UNIT 1 RF-18

SKETCH	ID	ITEM DESCRIPTION	INDICATION DESCRIPTION	DISPOSITION			IER NUMBER
				ACCEPT	REPAIR	MONITOR	
Various	See Attached	Examination of Class 1 Bolted Connections	Evidence of Leakage and Boron Accumulation		X		014
ALA2-4605	12	Elbow-to-Pipe Weld CVCS System	Root Geometry	X			015
ALA2-4605	11	Pipe-to-Elbow Weld CVCS System	Root Geometry	X			016
ALA2-4604	6	Pipe-to-Elbow Weld CVCS System	Base Metal Surface Indication		X*		017
ALA2-4610	8	Valve-to-Pipe Weld Safety Injection System	Surface Indication		X*		018
ALA2-4605	14	Pipe-to-Elbow Weld CVCS System	Root Geometry	X			019
ALA2-4604	6	Pipe-to-Elbow Weld CVCS System	Root Geometry	X			020
ALA2-4604	7	Pipe-to-Elbow Weld CVCS System	Root Geometry	X			021
ALA2-4609	8	Pipe-to-Flange Weld Safety Injection System	Root Geometry	X			022
ALA2-4524	9	Pipe-to-Valve Weld Safety Injection System	Root Geometry	X			024
ALA2-4602	3	Elbow-to-Pipe Weld CVCS System	Surface Indication		X*		026
ALA1-4204	SI-R248(W8)	Welded Attachment (Lugs) Safety Injection System	Surface Indication	X			027
ALA1-4209	SS-5688	One Directional Restraint Safety Injection System	Loose Bolting	X			028
ALA1-4203	SI-A14	Anchor Safety Injection System	Missing Nuts	X			029
ALA2-4610	8	Pipe-to-Valve Weld Safety Injection System	Root Geometry	X			030
ALA2-4610	9	Pipe-to-Tee Weld Safety Injection System	Root Geometry	X			031
ALA2-4609	1	Tee-to-Pipe Weld Safety Injection System	Root Geometry	X			032
ALA2-4526	2	Reducer-to-Pipe Weld Safety Injection System	Root Geometry	X			033
ALA1-4202	SI-R158	Two Directional Restraint Safety Injection System	Missing Nut	X			034
ALA2-4603	5	Pipe-to-Elbow Weld CVCS System	Root geometry	X			035
ALA2-4605	20	Pipe-to-Elbow Weld CVCS System	Root Geometry	X			036
ALA2-4200	10	Pipe-to-Penetration Weld Main Steam System	Root Geometry	X			037
ALA2-4500	16L1	Elbow Long Seam Main Steam System	Planer Flaw	X			038
ALA2-4500	16	Pipe-to-Elbow Weld Main Steam System	Root Geometry	X			039
ALA1-4200	3	Pipe-to-Elbow Weld Reactor Coolant System	Root Geometry	X			040
ALA1-4200	4R	Elbow-to-Safe End Weld Reactor Coolant System	Root Geometry	X			041
ALA1-4200	5R	Safe End-to-Elbow Reactor Coolant System	Root geometry	X			042

* Indication was removed by surface conditioning (buffing).

ALA
SUMMARY OF RECORDED INDICATIONS
2003 UNIT 1 RF-18

SKETCH	ID	ITEM DESCRIPTION	INDICATION DESCRIPTION	DISPOSITION ACCEPT	REPAIR	MONITOR	IER NUMBER
ALA2-4201	1	Penetration-to-Pipe Weld Main Steam System	Planer Flaw	X			043
ALA1-4204	4	Valve-to-Pipe Weld Safety Injection System	Root Geometry	X			044
ALA1-4204	5	Pipe-to-Valve Weld Safety Injection System	Root Geometry	X			045
ALA2-4201	9	Valve-to-Pipe Weld Main Steam System	Flaw/Slag Inclusion	X			046
ALA2-4201	21BC	Branch Connection Weld Main Steam System	Root Geometry	X			047
ALA2-4201	26BC	Branch Connection Weld Main Steam System	Root Geometry	X			048
ALA2-4201	10	Pipe-to-Valve Weld Main Steam System	Root Geometry	X			049
ALA1-4207	CVCS-R514	Spring Can CVCS System	Spring Can Setting	X			050
ALA1-4205	RC-R10	Hydraulic Snubber Reactor Coolant System	Loose Bolting		X		051

TABLE 1

FNP Unit 1 Containment Concrete Inspection (IWL)

Elevation (ft)	Room No / AZ.	Room Description	Light Meter Reading (fc)	Observations
155	241	MSFW Valve Room	55	a) Stain mark on wall b) Crack at elevation 160
155	429	Containment Purge Air Equipment Room.	74	a) Grease mark on the wall near tendon cans on buttress 'C' b) Paint peeled off in buttress 'C' and adjacent wall area
155	409	Corridor	62	a) Stain on wall coming from joint filler above. b) Paint peeled off in small area near access door.
155	418	Aux & Containment Purge Vent	72	a) Joint material missing above at two places (5 ft long)
155	478	MCC Room	58	a) Stain on wall coming from joint filler above. b) Paint peeled off in small area on and near buttress 'A'.
139	241	MSFW Valve Room	55	See above
139	334	Electrical Pen Room	64	a) Stain on wall coming from joint filler above. b) Grease mark on the wall near tendon cans on buttress 'C'.
139	333	Electrical Pen Room	62	a) Hairline crack on wall near penetration EB02B021A
139	347	Electrical Pen Room	68	No Observation
139	332	Corridor	72	a) Stain on wall coming from joint filler above. b) Grease mark on the wall near tendon cans on buttress 'A'. c) Paint peeled off in small area on and near buttress 'A'.
121	241	MSFW Valve Room	55	See above
121	223	Piping Pen Room	66	a) Stain on wall coming from joint filler above. b) Grease mark on the wall near tendon cans on buttress 'C'. c) Paint peeled off in small area on and near buttress 'C'.
121	222/237	Corridor (Boron Addition Area)	74	a) Grease mark on the wall near tendon cans on buttress 'A'. b) Paint peeled off in small area on and near buttress 'A'.
100	194	Heating Equip Room	75	a) Stain on middle of wall near an opening. b) Joint material missing above c) Stain mark on wall at the junction with wall along line 2. d) Wall along line 4 near containment wall has big crack. Concrete is about to spall out. Work order already in place for repair.

TABLE 1

FNP Unit 1 Containment Concrete Inspection (IWL)

Elevation (ft)	Room No / AZ.	Room Description	Light Meter Reading (fc)	Observations
100	189	Heating Equip Room	75	a) Grease mark on the wall b) Grease leakage from wall at two locations. c) Stain on wall from joint above d) Huge stain mark at the corner with wall along Line 4
100	184	Piping Pen Room	60	a) Paint peeled off on small area of wall. b) Grease leakage from Tendon cans on buttress 'C'. c) Grease leaking from wall near E and 10. d) Stain on wall from joint above e) Grease leaking near penetration for Containment spray B.
100	183	Piping Pen Room	78	a) Stain on wall from joint above
100	182	Cont Storage Room	68	a) Grease leaking from the wall.
100	172	Piping Pen Room	62	a) Stain on wall coming from joint filler above. b) Paint peeled off on small area of wall. c) Joint material missing above for about 20 ft length.
100	186	Boric Acid Area	72	a) Grease leakage from Tendon cans on buttress 'A'. b) Grease mark on the wall near tendon cans. c) Paint peeled off on small area of wall. d) Stain mark at corner location 8 and N. e) Hairline crack near 11 and M. Grease leaking from the crack.
83 & 77	131	1A RHR Pump Room	55	a) Paint peeled off on small area of wall.
83 & 77	129	1B RHR Pump Room	52	No Observation
77	125	1B Containment Spray Pump Room	52	No Observation
77	111	1A Containment Spray Pump Room	52	a) Paint peeled off on small area of wall. b) Fluid seepage through small crack.
86		Tendon Gallery	111	a) Popouts at certain places in concrete wall that appeared to be from construction time. b) Hair line cracks in few places in the concrete wall. c) Leaching at certain areas mostly coming from the joint point (between containment mat and gallery wall). d) All the bolts of end cans are in place. e) Many of the bolts of end cans show surface rust. f) Some of the metal surface of the end cans show surface rust.

TABLE 1

FNP Unit 1 Containment Concrete Inspection (IWL)

Elevation (ft)	Room No / AZ.	Room Description	Light Meter Reading (fc)	Observations
290		Containment Dome Roof	476	a) Ring girder has several hairline cracks (< 0.04") emanating from 'A Frame' rail connection points. b) Small cracks (< 0.04") emanating from "A Frame' connection on dome. c) Grout below the base plate of 'A' frame rail support broken loose at many locations. d) Dome coating found to have cracks, peelings and missing in numerous locations. Concrete below the coating has cracks. e) Small cracks are all in tight condition. f) No grease leaks or bulging of tendon end cans. g) Minimum surface corrosion of bolts and end cans.
155 To 270	0^{O} To 90^{O}	Outside of Containment	476	a) Hair line cracks near ≈ Az. 10^{O} and El. 162. b) Minor Grease Marks on Buttress A. c) Cracks (0.01") on cont wall and buttress A near Tendon H44AB d) Minor cracks at wall between dome tendons.
155 To 270	90^{O} To 180^{O}	Outside of Containment	476	a) Cracks near ≈ Az. 130^{O} and El.155' near checkered plate, concrete may spall out in near future b) Discoloration on small area above equipment hatch c) Joint material near ≈ Az. 90^{O} and El.155' missing. d) Minor cracks at wall between dome tendons.
155 To 270	180^{O} To 270^{O}	Outside of Containment	476	a) Grease leakage from concrete wall near ≈ Az. 190^{O} and El.183 next to buttress B - cracks in the wall is visible b) Crack in concrete near tendon can 2^{m} one from bottom from roof level at buttress B. c) Minor cracks at wall between dome tendons.
155 To 270	270^{O} To 360^{O}	Outside of Containment	476	a) Grease marks on buttress C b) Stain marks near places where rebars (used during construction) are located c) Minor cracks at wall between dome tendons.

Joseph M. Farley Nuclear Plant – Unit 1
Interval 3, Period 2, Outage 2
Inservice Inspection Report

Tab C

EXAMINATION PROGRAM PLAN

UNIT 1 RF 18

INTERVAL 3 PERIOD 2 OUTAGE 2

2003

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT
INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 **Change No.** 006 **Page** 1 **of** 1

10 Year Interval 3 **40 Month Period** 2 **Outage** 2

Components: **Reason For Change:**

	Delete examination	Method	
1.	ALA1-4102-QV032A	VT-3	Valve not disassembled, reschedule.
2.	ALA1-4102-QV037A	VT-3	Valve not disassembled, reschedule.
3.	ALA1-4103-QV076A	VT-3	Valve not disassembled, reschedule.
4.	ALA1-4104-QV021C	VT-3	Valve not disassembled, reschedule.
5.	ALA1-4201-QV032B	VT-3	Valve not disassembled, reschedule.
6.	ALA1-4201-QV037B	VT-3	Valve not disassembled, reschedule.
7.	ALA1-4202-QV051B	VT-3	Valve not disassembled, reschedule.
8.	ALA1-4203-QV021B	VT-3	Valve not disassembled, reschedule.
9.	ALA1-4302-QV032C	VT-3	Valve not disassembled, reschedule.
10.	ALA1-4302-QV037C	VT-3	Valve not disassembled, reschedule.
11.	ALA1-4303-QV021A	VT-3	Valve not disassembled, reschedule.
12.	ALA1-4304-QV051A	VT-3	Valve not disassembled, reschedule.
13.	ALA1-4501-QV031A	VT-3	Valve not disassembled, reschedule.
14.	ALA1-4502-QV031B	VT-3	Valve not disassembled, reschedule.
15.	ALA1-4503-QV031C	VT-3	Valve not disassembled, reschedule.

APPROVED BY: N/A
Vendor Coordinator **Date** N/A

APPROVED BY: [signature]
SNC Coordinator **Date** 5-23-03

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT
INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 **Change No.** 005 **Page** 1 **of** 1

10 Year Interval 3 **40 Month Period** 2 **Outage** 2

	Components: Change calibration block	**Previous block listed / Correct calibration block**	**Reason For Change:**
1.	ALA2-4201-5	ALA-23 / ALA-24	**ALA2-4201-4 is a pipe to elbow, the calibration block for this weld is ALA-24. The other end of the elbow is weld ALA2-4201-5, elbow to pipe (transition). The correct block should be ALA-24. ALA-23 would be used from the top of the transition for weld ALA2-4201-36, which is next to ALA2-4201-5.**

APPROVED BY: John W Bell 4-16-03
Vendor Coordinator **Date**

APPROVED BY: Gary A. Hoffman 4-16-03
SNC Coordinator **Date**

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT
INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 **Change No.** 004 **Page** 1 **of** 2

10 Year Interval 3 **40 Month Period** 2 **Outage** 2

	Components:	Change procedure	Reason For Change:
1.	ALA1-5300-FW1	FNP-0-NDE-100.11 to FNP-0-NDE-100.5	The examination performed on the keyway is a PT examination, not an MT. FNP-0-NDE-100.5 is the correct procedure.
	Delete the following exams:		
2.	ALA2-4105-RC-R40	VT-3	Support was examined in the first period of the interval.
3.	ALA1-4201-SI-R172 ALA1-4201-SI-R174	VT-3 VT-3	These snubbers are being deleted per DCP-9209. The snubbers were removed prior to VT examination. Per code case N-491, we need to examine 73 supports over the ten year period. We are presently examining 78. We are also exceeding the 67% in which we may claim code credit for the first and second period. No additional supports are required to be examined during this outage.
4.	ALA1-4105-RC-R40(W8)	Surface – FNP-0-NDE-100.5	This support has 8 lugs welded on 4 sides. The support lugs were examined during the previous period. A limited examination was performed with the clamp in place. The clamp is welded together and can not be removed. We can delete this exam, as we are required to examine 6, and presently have 10 scheduled for the interval. Please delete weld from LTP for this item.
		Change Configuration	
5.	ALA2-4609-1	From "Tee to Elbow" To "Tee to Pipe"	Verified configuration by walkdown.

APPROVED BY: John W Bell **Vendor Coordinator** 4-10-03 **Date**

APPROVED BY: [signature] **SNC Coordinator** 4-10-03 **Date**

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT
INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 **Change No.** 004 **Page** 2 **of** 2

10 Year Interval 3 **40 Month Period** 2 **Outage** 2

	Component		**Reason for Change**
		Examination Required	
6.	ALA2-4201-2	Surface – FNP-0-NDE-100.11 Volumetric – FNP-0-NDE-100.43	**This weld will be examined for code credit. Weld ALA2-4201-8 will not be examined for code credit / substitution.**
7.	ALA2-4201-8	SUR-AUG – FNP-0-NDE-100.11 VT-3 – FNP-0-NDE-100.21	**Weld ALA2-4201-8 configuration does not permit a volumetric examination. Last 10 year interval (2-2-2), a limited MT and a supplemental visual was performed.**
	Add the following exams		
8.	ALA2-4201-36	VOL-AUG	**Per Tech. Specs, an Augmented UT should be performed.**
9.	ALA2-4201-36LI	VOL-AUG	**Per Tech. Specs, an Augmented UT should be performed.**
	General Comment: DCP-9209 and 9210 are deleting snubbers during the 1R18 outage. During LTP update, review DCP to include revisions.		

APPROVED BY: John W Beel **Vendor Coordinator** 4-10-03 **Date**

APPROVED BY: [signature] **SNC Coordinator** 4-10-03 **Date**

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT
INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 **Change No.** 003 **Page** 1 **of** 2

10 Year Interval 3 **40 Month Period** 2 **Outage** 2

Components: **Reason For Change:**

Plan Change 02 corrections

1.	Pages 1 and 2 of plan not included.		Pages attached
2.	ALA1-4200-15BC ALA1-4200-3	The "Reason for Change" in Plan Change 02 was incorrect.	This is cast stainless material which is covered by procedure FNP-0-NDE-100.41.
3.	ALA1-4200-4R ALA1-4200-5R	The "Reason for Change" in Plan Change 02 was incorrect.	Procedure changed due to Cast Stainless material on one side (FNP-0-100.41) and unique configuration wrought stainless on the safe end side. (FNP-0-NDE-100.31)
4.	ALA2-4201-12BC	Plan Change 02 Table was changed (Page 8), added calibration block ALA-23 and procedure FNP-0-NDE-100.43	Not listed on Plan Change 02 cover sheet but was changed on the attachment table of PC-02.
5.	ALA2-4201-13BC, 14BC, 15BC	Add calibration block (ALA-23)	Table was changed(page 8), cover sheet did not list calibration block change.
	Delete the following exams:		
6.	ALA1-4200-D176238	VT-3	Support was removed during Steam Generator replacement. Eric Aycock verified removal during walk down. Drawing D176238 shows where support was cut out.
7.	ALA2-4603-7	Surface / Volumetric	Replaced weld with ALA2-4603-5, welds have not been previously examined. Same pipe sketch, system and configuration.
8.	ALA2-4610-2	Surface / Volumetric	Replaced weld with ALA2-4610-9, welds have not been previously examined. Same pipe sketch, system and configuration. Piping system ID plate would limit examination, welded in place.

APPROVED BY: John W Ball **Vendor Coordinator** 4-3-03 **Date**

APPROVED BY: [signature] **SNC Coordinator** 4-3-03 **Date**

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT
INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 **Change No.** 003 **Page** 2 **of** 2

10 Year Interval 3 **40 Month Period** 2 **Outage** 2

	Add the following exams:	**Examination**	**Reason:**
9.	ALA2-4603-5	Surface / Volumetric	Substituted for weld ALA2-4603-7
10.	ALA2-4610-9	Surface / Volumetric	Substituted for weld ALA2-4610-2
	Component	**Old Weld Description / New Weld Description**	**Reason:**
11.	ALA-4532-9	Old: Pipe to Reducer New: Tee to Reducer	Verified configuration during walk down by Gary Lofthus.
	Component	**Change:**	**Reason:**
12.	ALA2-4201-11BC	Calibration block ALA-27 not required.	Same configuration as ALA2-4201-12BC, 13BC, 14BC, 15BC

APPROVED BY: John W Bell **Vendor Coordinator** 4-3-03 **Date**

APPROVED BY: Gary A. Lofthus **SNC Coordinator** 4-3-03 **Date**

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT
INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 **Change No.** 002 **Page** 1 **of** 2

10 Year Interval 3 **40 Month Period** 2 **Outage** 2

	Components:		**Reason For Change:**
	Change the procedure for the following examinations	**New Procedure to be used**	
1.	ALA1-1200-VS INT	FNP-ISI-88	Vendor procedure for remote VT with the submarine
2.	ALA1-4200-15BC	FNP-0-NDE-100.41	**Procedure revised to allow for Tech. Spec examinations for HELB exams.**
3.	ALA1-4200-3	FNP-0-NDE-100.41	" " "
4.	ALA1-4200-4R	FNP-0-NDE-100.41 FNP-0-NDE-100.31	" " "
5.	ALA1-4200-5R	FNP-0-NDE-100.41 FNP-0-NDE-100.31	" " "
6.	ALA2-4201-1, 1LI, 2, 2LI, 3, 3LI	FNP-0-NDE-100.43	" " "
7.	ALA2-4201-7, 7LI, 9, 9LI, 10	FNP-0-NDE-100.43	" " "
8.	ALA2-4201-13BC, 14BC, 15BC	FNP-0-NDE-100.43	" " "
9.	ALA2-4201-16, 17, 18, 19	FNP-0-NDE-100.43	" " "
10.	ALA2-4201-22, 23, 24, 25	FNP-0-NDE-100.43	" " "
11.	ALA2-4201-27, 28, 29, 31, 32	FNP-0-NDE-100.43	" " "
12.	ALA2-4201-33, 34	FNP-0-NDE-100.43	" " "
13.	ALA2-4500-14, 14LI, 15, 15LI	FNP-0-NDE-100.43	" " "
14.	ALA2-4500-16, 16LI, 17, 17LI	FNP-0-NDE-100.43	" " "
15.	ALA2-4500-18, 32, 33, 34, 35	FNP-0-NDE-100.43	" " "
16.	ALA2-4500-36, 4, 4LI, 5, 5LI	FNP-0-NDE-100.43	" " "
	Change procedure and calibration block for the following examinations	**New procedure / calibration block**	
17.	ALA2-4201-21BC	FNP-0-NDE-100.43 / ALA-23 and ALA-26	**Procedure revised to allow for Tech. Spec examinations for HELB exams. Proper calibration block was not listed.**

APPROVED BY: John W Bell **Vendor Coordinator** 4-1-03 **Date**

APPROVED BY: [signature] **SNC Coordinator** 4-1-03 **Date**

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT
INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 **Change No.** 002 **Page** 2 **of** 2

10 Year Interval 3 **40 Month Period** 2 **Outage** 2

	Change procedure and calibration block for the following examinations	New procedure / calibration block	Reason for change
18.	ALA2-4500-30BC, 37BC	FNP-0-NDE-100.43 / APR-4	Procedure revised to allow for Tech. Spec examinations for HELB exams. Proper calibration block was not listed
	Add the following exams:		
19.	ALA2-4201-11BC	VOL-AUG / FNP-0-NDE-100.43 / ALA-23 and ALA-27	Tech. Specs. Require an Augmented volumetric examination. Not previously listed in long term plan.
20.	ALA2-4201-26BC	VOL-AUG / FNP-0-NDE-100.43 / ALA-23 and ALA-27	Tech. Specs. Require an Augmented volumetric examination. Not previously listed in long term plan.
21.	ALA2-4605-10	Surface / Volumetric	Substitution for ALA2-4605-5. Verified with James Agold SNC MIS Group.
	Delete the following exams:		
22.	ALA2-4605-5	Surface / Volumetric	The weld is not accessible for ISI examination. The weld has not been previously examined. Weld ALA2-4605-10 is an elbow to pipe and on the same pipe sketch. Verified with James Agold SNC MIS Group.
23.	ALA1-4200-U-281455	VT-3	This pipe support was abandoned in place per DCP 98-1-9315. (. See U261455 drawing.) The pipe support identification should have been listed as U-261455 in the long term plan.

APPROVED BY: John W Bell — **Vendor Coordinator** — 4-1-03 **Date**

APPROVED BY: [signature] — **SNC Coordinator** — 4-1-03 **Date**

UNIT 1

FIGURE 2

FARLEY NUCLEAR PLANT
INSERVICE INSPECTION PROGRAM CHANGE

Unit No. 1 **Change No.** 001 **Page** 1 **of** 1

10 Year Interval 3 **40 Month Period** 2 **Outage** 2

	Components:		Reason For Change:
	Defer the Following Exams	**Exam Required**	
1.	ALA1-3200-IR1R	VOL	**This examination is deferred to the next outage / period. This exam is scheduled at the same time as the eddy current exams for the Steam Generators. Insulation / scaffolding to be built one time, reduce dose.**
2.	ALA1-3200-IR2R	VOL	**This examination is deferred to the next outage / period. This exam is scheduled at the same time as the eddy current exams for the Steam Generators. Insulation / scaffolding to be built one time, reduce dose.**
	Add the Following		
1.	B-K / B10.20 ALA1-4105-RC-R40(W8)	SUR	**Last outage, a limited surface examination was performed. Remove clamp, and perform examination. WO 3001668**
2.	C-F-2 / C5.51 ALA2-4201-20	VOL-AUG	**Per Tech Specs, an Augmented UT should be performed**
3	ALA2-4500-31BC	VOL-AUG	**Per Tech Specs, an Augmented UT should be performed**
	Delete the following:		
1.	ALA2-4500-9	VOL-AUG	**Examination was performed during 3-1-2.**

APPROVED BY: John W Bell **Vendor Coordinator** 3-26-03 **Date**

APPROVED BY: [signature] **SNC Coordinator** 3-26-03 **Date**

J. M. FARLEY .AR PLANT
OUTAGE PLAN
Interval 3 Period 2 Outage 2

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur	Vol	Vis	NDE Procedures	Remarks
B-N-1 B13.10	ALA1-1200-VS INT Figure Accessib	RPV INTERIOR			VT-3		~~FNP-0-NDE-100.02~~ FNP-ISI-88	
B-D B3.110	ALA1-2100-14 Figure 008	SURGE NOZZLE TO PZR BOTTOM HEAD	APR-7		SUR		FNP-0-NDE-100.11	(SUPPLEMENTAL SURFACE EXAM) RR-6
B-D B3.110	ALA1-2100-14 Figure 008	SURGE NOZZLE TO PZR BOTTOM HEAD	APR-7		VOL		FNP-0-NDE-100.34	(SUPPLEMENTAL SURFACE EXAM) RR-6
B-D B3.120	ALA1-2100-14IR Figure 008	PZR NOZZLE INNER RADIUS	ALA-39		VOL		FNP-0-NDE-100.38	
B-B B2.12	ALA1-2100-3 Figure 002	PZR UPPER SHELL LONG SEAM	APR-7		VOL		FNP-0-NDE-100.34	1 ft of weld reqd.
B-B B2.11	ALA1-2100-7 Figure 001	PZR UPPER SHELL TO TOP HEAD	APR-7		VOL		FNP-0-NDE-100.34	
~~B-D~~ B3.140	~~ALA1-3200-IR1R~~ Figure 008	~~SG HOT LEG NOZZLE INNER RADIUS~~	~~ALA-54, ALA-55~~		~~VOL~~		~~FNP-0-NDE-100.44~~	~~Added per Steam Generator~~ replacement during 1R16. PSI done at ENSA.
~~B-D~~ B3.140	~~ALA1-3200-IR2R~~ Figure 008	~~SG CROSS-OVER NOZ INNER RADIUS~~	~~ALA-54, ALA-55~~		~~VOL~~		~~FNP-0-NDE-100.44~~	~~Added per Steam Generator~~ replacement during 1R16. PSI done at ENSA.
~~B-M-2~~ B12.50	~~ALA1-4102-QV032A~~ Figure Internal	~~COPES VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 5. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4102-QV037A~~ Figure Internal	~~COPES VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 5. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4103-QV076A~~ Figure Internal	~~VELAN VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 2. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4104-QV021C~~ Figure Internal	~~VELAN VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 2. Inspect one per group if disassembled.~~
~~F-A~~ F1.10	~~ALA1-4105-RC-R40~~ Figure 037	~~HYDRAULIC SNUBBER(2) W/ATTACH~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~RE-EXAMINE WITH CLAMP~~ REMOVED RR-12
B-J B9.31	ALA1-4200-15BC Figure 012	BRANCH CONNECTION	ALA/APR-33		SUR		FNP-0-NDE-100.5	RR-9

PC-02
PC-01
PC-06
PC-05

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur	Vol	Vis	NDE Procedures	Remarks
B-J B9.31	ALA1-4200-15BC Figure 012	BRANCH CONNECTION	ALA/APR-33		VOL		FNP-0-NDE-100.~~41~~ 41	RR-9
B-J B9.11	ALA1-4200-3 Figure 012	PIPE TO ELBOW	ALA/APR-33		VOL		FNP-0-NDE-100.~~41~~ 41	
B-J B9.11	ALA1-4200-3 Figure 012	PIPE TO ELBOW	ALA/APR-33		SUR		FNP-0-NDE-100.5	
B-J B9.11	ALA1-4200-4R Figure 012	ELBOW TO SAFE-END	ALA-61, ALA/APR-33		SUR		FNP-0-NDE-100.5	Added per Steam Generator replacement. PSI during 1R16.
B-J B9.11	ALA1-4200-4R Figure 012	ELBOW TO SAFE-END	ALA-61, ALA/APR-33		VOL		FNP-0-NDE-100.~~41~~ .41 FNP-0-NDE-100.31 SE SIDE	Added per Steam Generator replacement. PSI during 1R16.
B-J B9.11	ALA1-4200-5R Figure 012	SAFE-END TO ELBOW	ALA-61, ALA/APR-33		SUR		FNP-0-NDE-100.5	Added per Steam Generator replacement. PSI during 1R16.
B-J B9.11	ALA1-4200-5R Figure 012	SAFE-END TO ELBOW	ALA-61, ALA/APR-33		VOL		FNP-0-NDE-100.~~41~~ .41 FNP-0-NDE-100.31 SE Side	Added per Steam Generator replacement. PSI during 1R16.
~~F-A~~ F1.10	~~ALA1-4200-D476238~~ Figure 037	~~TWO DIRECTIONAL RESTRAINT~~	~~-~~		~~VT-3~~		~~FNP-0-NDE-100.23~~	DELETE
~~F-A~~ F1.10	~~ALA1-4200-U-281455~~ Figure 037	~~TWO DIRECTIONAL RESTRAINT~~	~~-~~		~~VT-3~~		~~FNP-0-NDE-100.23~~	DELETE.
~~B-M-2~~ B12.50	~~ALA1-4201-QV032B~~ Figure Internal	~~GOPES VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 5. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4201-QV037B~~ Figure Internal	~~GOPES VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 5. Inspect one per group if disassembled.~~
~~F-A~~ F1.10	~~ALA1-4201-SI-R172~~ Figure 037	~~HYDRAULIC SNUBBER~~	~~-~~		~~VT-3~~		~~FNP-0-NDE-100.23~~	~~RR-12~~
~~F-A~~ F1.10	~~ALA1-4201-SI-R174~~ Figure 037	~~HYDRAULIC SNUBBER(2) W/ATTACH~~	~~-~~		~~VT-3~~		~~FNP-0-NDE-100.23~~	~~RR-12~~

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
B-J B9.11	ALA1-4202-1 Figure 012	PIPE TO BRANCH CONNECTION	ALA-6	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4202-1 Figure 012	PIPE TO BRANCH CONNECTION	ALA-6	VOL	FNP-0-NDE-100.44	
B-J B9.11	ALA1-4202-2 Figure 012	ELBOW TO PIPE	ALA-6	VOL	FNP-0-NDE-100.44	
B-J B9.11	ALA1-4202-2 Figure 012	ELBOW TO PIPE	ALA-6	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4202-3 Figure 012	PIPE TO ELBOW	ALA-6	VOL	FNP-0-NDE-100.44	
B-J B9.11	ALA1-4202-3 Figure 012	PIPE TO ELBOW	ALA-6	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4202-4 Figure 012	VALVE TO PIPE	ALA-6	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4202-4 Figure 012	VALVE TO PIPE	ALA-6	VOL	FNP-0-NDE-100.44	
B-J B9.11	ALA1-4202-5 Figure 012	PIPE TO VALVE	ALA-6	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4202-5 Figure 012	PIPE TO VALVE	ALA-6	VOL	FNP-0-NDE-100.44	
~~B-M-2~~ B12.50	~~ALA1-4202-QV051B~~ Figure Internal	~~VELAN VALVE~~		~~VT-3~~	~~FNP-0-NDE-100.23~~	~~Group 2. Inspect one per group if~~ disassembled.
F-A F1.10	ALA1-4202-SI-R158 Figure 037	TWO DIRECTIONAL RESTRAINT	-	VT-3	FNP-0-NDE-100.23	
B-J B9.40	ALA1-4203-12 Figure 011	PIPE TO BRANCH CONNECTION	-	SUR	FNP-0-NDE-100.5	
B-J B9.40	ALA1-4203-13 Figure 011	ELBOW TO PIPE	-	SUR	FNP-0-NDE-100.5	
B-J B9.40	ALA1-4203-14 Figure 011	PIPE TO ELBOW	-	SUR	FNP-0-NDE-100.5	

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur	Vol	Vis	NDE Procedures	Remarks
B-J B9.40	ALA1-4203-15 Figure 011	VALVE TO PIPE	-		SUR		FNP-0-NDE-100.5	
~~B-M-2 B12.50~~	~~ALA1-4203-QV021B Figure Internal~~	~~VELAN VALVE~~	~~-~~		~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 2. Inspect one per group if disassembled.~~
F-A F1.10	ALA1-4203-SI-A14 Figure 037	ANCHOR	-		VT-3		FNP-0-NDE-100.23	
F-A F1.10	ALA1-4203-SI-R180 Figure 037	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.10	ALA1-4203-SI-R215 Figure 037	SWAY STRUT	-		VT-3		FNP-0-NDE-100.23	
B-J B9.11	ALA1-4204-1 Figure 012	PIPE TO BRANCH CONNECTION	ALA-6		SUR		FNP-0-NDE-100.5	
B-J B9.11	ALA1-4204-1 Figure 012	PIPE TO BRANCH CONNECTION	ALA-6		VOL		FNP-0-NDE-100.44	
B-J B9.11	ALA1-4204-2 Figure 012	ELBOW TO PIPE	ALA-6		SUR		FNP-0-NDE-100.5	
B-J B9.11	ALA1-4204-2 Figure 012	ELBOW TO PIPE	ALA-6		VOL		FNP-0-NDE-100.44	
B-J B9.40	ALA1-4204-27 Figure 011	PIPE TO BRANCH CONNECTION	-		SUR		FNP-0-NDE-100.5	
B-J B9.40	ALA1-4204-28 Figure 011	ELBOW TO PIPE	-		SUR		FNP-0-NDE-100.5	
B-J B9.40	ALA1-4204-29 Figure 011	PIPE TO ELBOW	-		SUR		FNP-0-NDE-100.5	
B-J B9.11	ALA1-4204-3 Figure 012	PIPE TO ELBOW	ALA-6		VOL		FNP-0-NDE-100.44	
B-J B9.11	ALA1-4204-3 Figure 012	PIPE TO ELBOW	ALA-6		SUR		FNP-0-NDE-100.5	
B-J B9.40	ALA1-4204-30 Figure 011	TEE TO PIPE	-		SUR		FNP-0-NDE-100.5	

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
B-J B9.40	ALA1-4204-31 Figure 011	PIPE TO TEE	-	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4204-4 Figure 012	VALVE TO PIPE	ALA-6	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4204-4 Figure 012	VALVE TO PIPE	ALA-6	VOL	FNP-0-NDE-100.44	
B-J B9.11	ALA1-4204-5 Figure 012	PIPE TO VALVE	ALA-6	VOL	FNP-0-NDE-100.44	
B-J B9.11	ALA1-4204-5 Figure 012	PIPE TO VALVE	ALA-6	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4204-6 Figure 012	ELBOW TO PIPE	ALA-6	VOL	FNP-0-NDE-100.44	
B-J B9.11	ALA1-4204-6 Figure 012	ELBOW TO PIPE	ALA-6	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4204-7 Figure 012	PIPE TO ELBOW	ALA-6	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4204-7 Figure 012	PIPE TO ELBOW	ALA-6	VOL	FNP-0-NDE-100.44	
F-A F1.10	ALA1-4204-SI-R239 Figure 037	ONE DIRECTIONAL RESTRAINT	-	VT-3	FNP-0-NDE-100.23	
F-A F1.10	ALA1-4204-SI-R240 Figure 037	TWO DIRECTIONAL RESTRAINT	-	VT-3	FNP-0-NDE-100.23	
F-A F1.10	ALA1-4204-SI-R242 Figure 037	HYDRAULIC SNUBBER	-	VT-3	FNP-0-NDE-100.23	RR-12
F-A F1.10	ALA1-4204-SI-R248 Figure 037	HYDRAULIC SNUBBER(2) W/ATTACH	-	VT-3	FNP-0-NDE-100.23	RR-12
B-K B10.20	ALA1-4204-SI-R248 (W8) Figure 028	WELDED ATTACHMENT	-	SUR	FNP-0-NDE-100.5	
F-A F1.10	ALA1-4204-SI-R249 Figure 037	TWO DIRECTIONAL RESTRAINT W/ATTACH	-	VT-3	FNP-0-NDE-100.23	

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
F-A F1.10	ALA1-4204-SI-R252 Figure 037	TWO DIRECTIONAL RESTRAINT	-	VT-3	FNP-0-NDE-100.23	
B-J B9.11	ALA1-4205-4 Figure 012	PIPE TO ELBOW	ALA-7	SUR	FNP-0-NDE-100.5	
B-J B9.11	ALA1-4205-4 Figure 012	PIPE TO ELBOW	ALA-7	VOL	FNP-0-NDE-100.44	
F-A F1.10	ALA1-4205-RC-R10 Figure 037	HYDRAULIC SNUBBER	-	VT-3	FNP-0-NDE-100.23	To be deleted per DCP 97-1-9211 RR-12
F-A F1.10	ALA1-4205-RC-R18 Figure 037	TWO DIRECTIONAL RESTRAINT W/ATTACH	-	VT-3	FNP-0-NDE-100.23	
F-A F1.10	ALA1-4205-RC-R20 Figure 037	SPRING CAN (2) W/ATTACH	-	VT-3	FNP-0-NDE-100.23	
B-K B10.20	ALA1-4205-RC-R20 (W4) Figure 028	WELDED ATTACHMENT		SUR	FNP-0-NDE-100.5	
F-A F1.10	ALA1-4205-RC-R237 Figure 037	HYDRAULIC SNUBBER	-	VT-3	FNP-0-NDE-100.23	To be deleted per DCP 97-1-9211 RR-12
F-A F1.10	ALA1-4205-RC-R26 Figure 037	ONE DIRECTIONAL RESTRAINT	-	VT-3	FNP-0-NDE-100.23	
F-A F1.10	ALA1-4205-RC-R32 Figure 037	HYDRAULIC SNUBBER	-	VT-3	FNP-0-NDE-100.23	To be deleted per DCP 97-1-9211 RR-12
F-A F1.10	ALA1-4205-RC-R8 Figure 037	HYDRAULIC SNUBBER W/ATTACH	-	VT-3	FNP-0-NDE-100.23	To be deleted per DCP 97-1-9211 RR-12
F-A F1.10	ALA1-4207-CVCS-R508 Figure 037	SWAY STRUT	-	VT-3	FNP-0-NDE-100.23	
F-A F1.10	ALA1-4207-CVCS-R514 Figure 037	SPRING CAN	-	VT-3	FNP-0-NDE-100.23	
F-A F1.10	ALA1-4207-CVCS-R515 Figure 037	HYDRAULIC SNUBBER	-	VT-3	FNP-0-NDE-100.23	RR-12
B-J B9.32	ALA1-4208-1BC Figure 014	BRANCH CONNECTION		SUR	FNP-0-NDE-100.5	

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur	Vol	Vis	NDE Procedures	Remarks
B-J B9.40	ALA1-4208-2 Figure 011	PIPE TO PIPE			SUR		FNP-0-NDE-100.5	
B-J B9.40	ALA1-4208-3 Figure 011	ELBOW TO PIPE			SUR		FNP-0-NDE-100.5	
B-J B9.40	ALA1-4208-4 Figure 011	PIPE TO ELBOW			SUR		FNP-0-NDE-100.5	
F-A F1.10	ALA1-4208-SS-4023 Figure 037	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.10	ALA1-4209-SS-5688 Figure 037	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
~~B-M-2~~ B12.50	~~ALA1-4302-QV032C~~ Figure Internal	~~COPES VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 5. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4302-QV037C~~ Figure Internal	~~COPES VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 5. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4303-QV021A~~ Figure Internal	~~VELAN VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 2. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4304-QV051A~~ Figure Internal	~~VELAN VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 2. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4501-QV031A~~ Figure Internal	~~CROSBY VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 4. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4502-QV031B~~ Figure Internal	~~CROSBY VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 4. Inspect one per group if disassembled.~~
~~B-M-2~~ B12.50	~~ALA1-4503-QV031C~~ Figure Internal	~~CROSBY VALVE~~			~~VT-3~~		~~FNP-0-NDE-100.23~~	~~Group 4. Inspect one per group if disassembled.~~
R-G/AUG B1.14	ALA1-5300-FW1 Figure	RC PUMP FLYWHEEL			SUR-AUG		FNP-0-NDE-100.~~11~~ 5	Perform surface exam on any flywheel that is disassembled. Any flywheel not previously disassembled & surface examined, will be given a volumetric exam on inner half-radius during third period.

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
F-A F1.20	ALA2-4150-FW-R45 Figure 037	HYDRAULIC SNUBBER	-	VT-3	FNP-0-NDE-100.23	RR-12
C-F-2 C5.51	ALA2-4200-10 Figure 030	PIPE TO PENETRATION	ALA-24	SUR	FNP-0-NDE-100.11	
C-F-2 C5.51	ALA2-4200-10 Figure 030	PIPE TO PENETRATION	ALA-24	VOL	FNP-0-NDE-100.43	
F-A F1.20	ALA2-4200-MS4-H10 Figure 037	ONE DIRECTIONAL RESTRAINT (4) W/ATTACH	-	VT-3	FNP-0-NDE-100.23	
C-C C3.20	ALA2-4200-MS4-H10 (W4) Figure 028	WELDED ATTACHMENT		SUR	FNP-0-NDE-100.11	N-509
C-F-2 C5.51	ALA2-4201-1 Figure 030	PENETRATION TO PIPE	ALA-24	VOL-AUG	FNP-0-NDE-100~~.21~~ .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-10 Figure 030	PIPE TO VALVE	ALA-24	VOL-AUG	FNP-0-NDE-100~~.21~~ .43	100% of length using 1974 Code
C-F-2 C5.81	ALA2-4201-12BC Figure 013	BRANCH CONNECTION	ALA-23	VOL-AUG	FNP-0-NDE-100~~.21~~ .43	100% of length using 1974 Code
C-F-2 C5.81	ALA2-4201-13BC Figure 013	BRANCH CONNECTION	ALA-23	VOL-AUG	FNP-0-NDE-100~~.21~~ .43	100% of length using 1974 Code
C-F-2 C5.81	ALA2-4201-14BC Figure 013	BRANCH CONNECTION	ALA-23	VOL-AUG	FNP-0-NDE-100~~.21~~ .43	100% of length using 1974 Code
C-F-2 C5.81	ALA2-4201-15BC Figure 013	BRANCH CONNECTION	ALA-23	VOL-AUG	FNP-0-NDE-100~~.21~~ .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-16 Figure 030	PIPE TO FLANGE	ALA-30	VOL-AUG	FNP-0-NDE-100~~.21~~ .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-17 Figure 030	PIPE TO FLANGE	ALA-30	VOL-AUG	FNP-0-NDE-100~~.21~~ .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-18 Figure 030	PIPE TO FLANGE	ALA-30	VOL-AUG	FNP-0-NDE-100~~.21~~ .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-19 Figure 030	PIPE TO FLANGE	ALA-30	VOL	FNP-0-NDE-100.43	100% of length using 1974 Code

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
C-F-2 C5.51	ALA2-4201-19 Figure 030	PIPE TO FLANGE	ALA-30	SUR	FNP-0-NDE-100.11	100% of length using 1974 Code
C-F-2 C5.52	ALA2-4201-1L1 Figure 036	PIPE LONG SEAM	ALA-24	VOL-AUG	FNP-0-NDE-100.31 .43	N-524, 100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-2 Figure 030	PIPE TO ELBOW	ALA-24	VOL-AUG SUR	FNP-0-NDE-100.31 .43 FNP-0-NDE-100.11	100% of length using 1974 Code
C-F-2 C5.81	ALA2-4201-21BC Figure 014	BRANCH CONNECTION	ALA-23 ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-22 Figure 030	PIPE TO TEE	ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-23 Figure 030	PIPE TO CAP	ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-24 Figure 030	TEE TO PIPE	ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-25 Figure 030	TEE TO CAP	ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
C-F-2 C5.81	ALA2-4201-26BC Figure 014	BRANCH CONNECTION	ALA-23 ALA-27	SUR VOL-AUG	FNP-0-NDE-100.11 FNP-0-NDE-100.43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-27 Figure 030	PIPE TO ELBOW	ALA-27	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-28 Figure 030	ELBOW TO PIPE	ALA-27	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-29 Figure 030	PIPE TO VALVE	ALA-27	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
C-F-2 C5.52	ALA2-4201-2L1 Figure 036	ELBOW LONG SEAM	ALA-24	VOL-AUG	FNP-0-NDE-100.31 .43	N-524, 100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-3 Figure 030	ELBOW TO PIPE	ALA-24	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-30 Figure 030	VALVE TO PIPE	ALA-27	SUR	FNP-0-NDE-100.11	100% of length using 1974 Code

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
C-F-2 C5.51	ALA2-4201-30 Figure 030	VALVE TO PIPE	ALA-27	VOL	FNP-0-NDE-100.43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-31 Figure 030	PIPE TO ELBOW	ALA-27	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-32 Figure 030	ELBOW TO PIPE	ALA-27	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-33 Figure 030	PIPE TO VALVE	ALA-27	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-34 Figure 030	VALVE TO PIPE	ALA-27	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-35 Figure 030	PIPE TO VALVE	ALA-27	SUR	FNP-0-NDE-100.11	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-35 Figure 030	PIPE TO VALVE	ALA-27	VOL	FNP-0-NDE-100.43	100% of length using 1974 Code
C-F-2 C5.52	ALA2-4201-3L1 Figure 036	PIPE LONG SEAM	ALA-24	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	N-524, 100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-4 Figure 030	PIPE TO ELBOW	ALA-24	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	100% of length using 1974 Code
C-F-2 C5.52	ALA2-4201-4L1 Figure 036	ELBOW LONG SEAM	ALA-24	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	N-524, 100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-5 Figure 030	ELBOW TO PIPE	ALA-~~25~~ 24	SUR	FNP-0-NDE-100.11	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-5 Figure 030	ELBOW TO PIPE	ALA-~~25~~ 24	VOL	FNP-0-NDE-100.43	100% of length using 1974 Code
C-F-2 C5.52	ALA2-4201-5L1 Figure 036	PIPE LONG SEAM	ALA-23	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	N-524, 100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-7 Figure 030	PIPE TO PIPE	ALA-23	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	100% of length using 1974 Code
C-F-2 C5.52	ALA2-4201-7L1 Figure 036	PIPE LONG SEAM	ALA-23	VOL-AUG	FNP-0-NDE-100.~~31~~ .43	N-524, 100% of length using 1974 Code

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
~~C-F-2 C5.51~~	~~ALA2-4201-8 Figure 030~~	~~PIPE TO VALVE~~	~~ALA-23~~	~~VOL~~	~~FNP-0-NDE-100.43~~	~~100% of length using 1974 Code~~
C-F-2 C5.51	ALA2-4201-8 Figure 030	PIPE TO VALVE	~~ALA-23~~	SUR -AUG VT-3	FNP-0-NDE-100.11 FNP-0-NDE-100.23	100% of length using 1974 Code
C-F-2 C5.51	ALA2-4201-9 Figure 030	VALVE TO PIPE	ALA-24	VOL-AUG	FNP-0-NDE-100.43	100% of length using 1974 Code
C-F-2 C5.52	ALA2-4201-9L1 Figure 036	PIPE LONG SEAM	ALA-24	VOL-AUG	FNP-0-NDE-100.43	N-524, 100% of length using 1974 Code
F-A F1.20	ALA2-4201-MS-R81 Figure 037	ONE DIRECTIONAL RESTRAINT	-	VT-3	FNP-0-NDE-100.23	
F-A F1.20	ALA2-4250-AFW-R59 Figure 037	SWAY STRUT	-	VT-3	FNP-0-NDE-100.23	
F-A F1.20	ALA2-4250-FW-H8 Figure 037	SPRING CAN (2) W/ATTACH	-	VT-3	FNP-0-NDE-100.23	
C-C C3.20	ALA2-4250-FW-H8 (W2) Figure 028	WELDED ATTACHMENT		SUR	FNP-0-NDE-100.11	N-509
F-A F1.20	ALA2-4350-SCS-H708 Figure 037	ONE DIRECTIONAL RESTRAINT	-	VT-3	FNP-0-NDE-100.23	
- -	ALA2-4500-14 Figure 036	VALVE TO PIPE	ALA-24	VOL-AUG	FNP-0-NDE-100.43	100% of length using 1974 Code
- -	ALA2-4500-14L1 Figure 036	PIPE LONG SEAM	ALA-24	VOL-AUG	FNP-0-NDE-100.43	N-524, 100% of length using 1974 Code
- -	ALA2-4500-15 Figure 036	PIPE TO PIPE	ALA-24	VOL-AUG	FNP-0-NDE-100.43	100% of length using 1974 Code
- -	ALA2-4500-15L1 Figure 036	PIPE LONG SEAM	ALA-24	VOL-AUG	FNP-0-NDE-100.43	N-524, 100% of length using 1974 Code
- -	ALA2-4500-16 Figure 036	PIPE TO ELBOW	ALA-24	VOL-AUG	FNP-0-NDE-100.43	100% of length using 1974 Code
- -	ALA2-4500-16L1 Figure 036	ELBOW LONG SEAM	ALA-24	VOL-AUG	FNP-0-NDE-100.43	N-524, 100% of length using 1974 Code

PC-04

PC-02

PC-02

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
- -	ALA2-4500-17 Figure 036	ELBOW TO PIPE	ALA-24	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-17L1 Figure 036	PIPE LONG SEAM	ALA-24	VOL-AUG	FNP-0-NDE-100.31 .43	N-524, 100% of length using 1974 Code
- -	ALA2-4500-18 Figure 036	PIPE TO TEE	ALA-24	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-30BC Figure 036	BRANCH CONNECTION	APR-4	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-32 Figure 036	PIPE TO PIPE	ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-33 Figure 036	PIPE TO TEE	ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-34 Figure 036	TEE TO CAP	ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-35 Figure 036	TEE TO PIPE	ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-36 Figure 036	PIPE TO CAP	ALA-26	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-37BC Figure 036	BRANCH CONNECTION	APR-4	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-4 Figure 036	TEE TO TEE	APR-4	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-4L1 Figure 036	TEE LONG SEAM	APR-4	VOL-AUG	FNP-0-NDE-100.31 .43	N-524, 100% of length using 1974 Code
- -	ALA2-4500-5 Figure 036	TEE TO TEE	APR-4	VOL-AUG	FNP-0-NDE-100.31 .43	100% of length using 1974 Code
- -	ALA2-4500-5L1 Figure 036	TEE LONG SEAM	APR-4	VOL-AUG	FNP-0-NDE-100.31 .43	N-524, 100% of length using 1974 Code
~~-~~ -	~~ALA2-4500-9~~ Figure	~~VALVE TO PIPE~~	~~ALA-24~~	~~VOL-AUG~~	~~FNP-0-NDE-100.31~~	~~100% of length using 1974 Code~~

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PC-01

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur	Vol	Vis	NDE Procedures	Remarks
F-A F1.20	ALA2-4501-RHR5-R40 Figure 037	SWAY STRUT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.20	ALA2-4502-RHR6-R68 Figure 037	HYDRAULIC SNUBBER	-		VT-3		FNP-0-NDE-100.23	RR-12
F-A F1.20	ALA2-4504-RHR2-R74 Figure 037	3 DIRECTIONAL RESTRAINT W/ATTACH	-		VT-3		FNP-0-NDE-100.23	
C-C C3.20	ALA2-4504-RHR2-R74 (W8) Figure 028	WELDED ATTACHMENT	-		SUR		FNP-0-NDE-100.5	N-509
F-A F1.20	ALA2-4504-RHR2-R78 Figure 037	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.20	ALA2-4506-RHR10-R22 Figure 037	ONE DIRECTIONAL RESTRAINT W/ATTACH	-		VT-3		FNP-0-NDE-100.23	
C-C C3.20	ALA2-4506-RHR10-R22 (WS) Figure 028	WELDED ATTACHMENT	-		SUR		FNP-0-NDE-100.5	N-509
F-A F1.20	ALA2-4513-CVC-R205 Figure 037	TWO DIRECTIONAL RESTRAINT W/ATTACH	-		VT-3		FNP-0-NDE-100.23	
C-C C3.20	ALA2-4513-CVC-R205 (W4) Figure 028	WELDED ATTACHMENT	-		SUR		FNP-0-NDE-100.5	N-509
F-A F1.20	ALA2-4514-SI-R302 Figure 037	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.20	ALA2-4515-SI-R84 Figure 037	SPRING CAN	-		VT-3		FNP-0-NDE-100.23	
F-A F1.20	ALA2-4517-SI-R204 Figure 037	SWAY STRUT (2)	-		VT-3		FNP-0-NDE-100.23	
F-A F1.20	ALA2-4518-SI-R16 Figure 037	SWAY STRUT	-		VT-3		FNP-0-NDE-100.23	
C-F-1 C5.21	ALA2-4524-9 Figure 030	PIPE TO VALVE	APR-2		SUR		FNP-0-NDE-100.5	
C-F-1 C5.21	ALA2-4524-9 Figure 030	PIPE TO VALVE	APR-2		VOL		FNP-0-NDE-100.44	

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur	Vol	Vis	NDE Procedures	Remarks
C-F-1 C5.21	ALA2-4526-2 Figure 030	REDUCER TO PIPE	APR-2		VOL		FNP-0-NDE-100.44	
C-F-1 C5.21	ALA2-4526-2 Figure 030	REDUCER TO PIPE	APR-2		SUR		FNP-0-NDE-100.5	
F-A F1.20	ALA2-4527-CVC-R62 Figure 037	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
C-F-1 C5.21	ALA2-4532-9 Figure 030	~~PIPE~~ TEE TO REDUCER	ALA-7		VOL		FNP-0-NDE-100.44	
C-F-1 C5.21	ALA2-4532-9 Figure 030	~~PIPE~~ TEE TO REDUCER	ALA-7		SUR		FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4602-2 Figure 030	PIPE TO ELBOW	ALA-50		SUR		FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4602-2 Figure 030	PIPE TO ELBOW	ALA-50		VOL		FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4602-3 Figure 030	ELBOW TO PIPE	ALA-50		SUR		FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4602-3 Figure 030	ELBOW TO PIPE	ALA-50		VOL		FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4602-5 Figure 030	PIPE TO ELBOW	ALA-50		VOL		FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4602-5 Figure 030	PIPE TO ELBOW	ALA-50		SUR		FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4602-6 Figure 030	ELBOW TO PIPE	ALA-50		VOL		FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4602-6 Figure 030	ELBOW TO PIPE	ALA-50		SUR		FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4603-2 Figure 030	PIPE TO ELBOW	ALA-50		SUR		FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4603-2 Figure 030	PIPE TO ELBOW	ALA-50		VOL		FNP-0-NDE-100.44	

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
~~C-F-1~~ C5.11	~~ALA2-4603-7~~ Figure 030	~~PIPE TO ELBOW~~	~~ALA-50~~	~~SUR~~	~~FNP-0-NDE-100.5~~	
~~C-F-1~~ C5.11	~~ALA2-4603-7~~ Figure 030	~~PIPE TO ELBOW~~	~~ALA-50~~	~~VOL~~	~~FNP-0-NDE-100.44~~	
C-F-1 C5.11	ALA2-4604-6 Figure 030	PIPE TO ELBOW	ALA-49	VOL	FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4604-6 Figure 030	PIPE TO ELBOW	ALA-49	SUR	FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4604-7 Figure 030	ELBOW TO PIPE	ALA-49	VOL	FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4604-7 Figure 030	ELBOW TO PIPE	ALA-49	SUR	FNP-0-NDE-100.5	
F-A F1.20	ALA2-4604-SI-R4 Figure 037	3 DIRECTIONAL RESTRAINT W/ATTACH	-	VT-3	FNP-0-NDE-100.23	
C-C C3.20	ALA2-4604-SI-R4 (WS) Figure 028	WELDED ATTACHMENT	-	SUR	FNP-0-NDE-100.5	N-509
C-F-1 C5.11	ALA2-4605-11 Figure 030	PIPE TO ELBOW	ALA-49	SUR	FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4605-11 Figure 030	PIPE TO ELBOW	ALA-49	VOL	FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4605-12 Figure 030	ELBOW TO PIPE	ALA-49	VOL	FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4605-12 Figure 030	ELBOW TO PIPE	ALA-49	SUR	FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4605-14 Figure 030	PIPE TO ELBOW	ALA-49	VOL	FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4605-14 Figure 030	PIPE TO ELBOW	ALA-49	SUR	FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4605-15 Figure 030	ELBOW TO PIPE	ALA-49	SUR	FNP-0-NDE-100.5	

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(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur	Method Vol	Method Vis	NDE Procedures	Remarks
C-F-1 C5.11	ALA2-4605-15 Figure 030	ELBOW TO PIPE	ALA-49		VOL		FNP-0-NDE-100.44	
C-F-1 C5.11	ALA2-4605-20 Figure 030	PIPE TO VALVE	ALA-49		SUR		FNP-0-NDE-100.5	
C-F-1 C5.11	ALA2-4605-20 Figure 030	PIPE TO VALVE	ALA-49		VOL		FNP-0-NDE-100.44	
~~C-F-1~~ C5.11	~~ALA2-4605-5~~ Figure 030	~~ELBOW TO PIPE~~	~~ALA-49~~		~~SUR~~		~~FNP-0-NDE-100.5~~	
~~C-F-1~~ C5.11	~~ALA2-4605-5~~ Figure 030	~~ELBOW TO PIPE~~	~~ALA-49~~		~~VOL~~		~~FNP-0-NDE-100.44~~	PC-02
F-A F1.20	ALA2-4605-SI-R9 Figure 037	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
C-F-1 C5.21	ALA2-4609-1 Figure 030	TEE TO ELBOW	APR-2		SUR		FNP-0-NDE-100.5	
C-F-1 C5.21	ALA2-4609-1 Figure 030	TEE TO ~~ELBOW~~ Pipe	APR-2		VOL		FNP-0-NDE-100.44	PC-04
C-F-1 C5.21	ALA2-4609-8 Figure 030	PIPE TO FLANGE	ALA-7		SUR		FNP-0-NDE-100.5	
C-F-1 C5.21	ALA2-4609-8 Figure 030	PIPE TO FLANGE	ALA-7		VOL		FNP-0-NDE-100.44	
~~C-F-1~~ C5.21	~~ALA2-4610-2~~ Figure 030	~~TEE TO PIPE~~	~~APR-2~~		~~SUR~~		~~FNP-0-NDE-100.5~~	
~~C-F-1~~ C5.21	~~ALA2-4610-2~~ Figure 030	~~TEE TO PIPE~~	~~APR-2~~		~~VOL~~		~~FNP-0-NDE-100.44~~	PC-03
C-F-1 C5.21	ALA2-4610-8 Figure 030	VALVE TO PIPE	APR-2		SUR		FNP-0-NDE-100.5	
C-F-1 C5.21	ALA2-4610-8 Figure 030	VALVE TO PIPE	APR-2		VOL		FNP-0-NDE-100.44	
F-A F1.20	ALA2-4612-SI-R268 Figure 037	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	

OUTAGE PLAN

Interval 3 Period 2 Outage 2

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur	Vol	Vis	NDE Procedures	Remarks
F-A F1.20	ALA2-4612-SI-R272 Figure 037	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
C-F-1 C5.30	ALA2-4616-15 Figure 030	COUPLING TO PIPE	-		SUR		FNP-0-NDE-100.5	
C-F-1 C5.30	ALA2-4616-7 Figure 030	VALVE TO PIPE	-		SUR		FNP-0-NDE-100.5	
F-A F1.20	ALA2-4616-SS-2008 Figure 037	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
C-F-1 C5.30	ALA2-4617-14 Figure 030	PIPE TO ELBOW	-		SUR		FNP-0-NDE-100.5	
C-F-1 C5.30	ALA2-4617-2 Figure 030	PIPE TO COUPLING	-		SUR		FNP-0-NDE-100.5	
F-A F1.20	ALA2-4617-SS-4007 Figure 037	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.20	ALA2-4617-SS-4016 Figure 037	ANCHOR 2 U-BOLTS	-		VT-3		FNP-0-NDE-100.23	
F-A F1.20	ALA2-4625-SI-R32 Figure 037	SPRING CAN	-		VT-3		FNP-0-NDE-100.23	
F-A F1.20	ALA2-4625-SI-R37 Figure 037	ONE DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
F-A F1.20	ALA2-4632-SI-R55 Figure 037	TWO DIRECTIONAL RESTRAINT	-		VT-3		FNP-0-NDE-100.23	
C-F-1 C5.30	ALA2-4635-6 Figure 030	PIPE TO VALVE	-		SUR		FNP-0-NDE-100.5	
F-A F1.20	ALA2-4635-SS-1983 Figure 037	ANCHOR 2 U-BOLTS	-		VT-3		FNP-0-NDE-100.23	

(89) Code Cat. (89) Item No.	Component No. Figure No.	Component Desc.	Cal Block No.	Method Sur Vol Vis	NDE Procedures	Remarks
~~B-K~~ B10.20	~~ALA1-4105-RC-R40(W8)~~ Figure 028	WELDED ATTACHMENT	—	SUR	~~FNP-O-NDE-100.5~~	
C-F-2 C5.51	ALA2-4201-20 Figure 030	Pipe to Flange	ALA-30	VOL-AUG	FNP-O-NDE-100.43	100% of length using 1974 Code
—	ALA2-4500-31BC Figure 036	Branch Connection to Pipe	ALA-24	VOL-AUG	FNP-O-NDE-100.43	100% of length using 1974 Code
C-F-1 C5.11	ALA2-4605-10 Figure 030	Elbow to Pipe	ALA-49	SUR VOL	FNP-O-NDE-100.5 FNP-O-NDE-100.44	
C-F-2 C5.81	ALA2-4201-11BC Figure 013	Branch Connection	ALA-23 ~~ALA-27~~	VOL-AUG	FNP-O-NDE-100.43	100% of length using 1974 Code
C-F-1 C5.11	ALA2-4603-5 Figure 030	PIPE TO ELBOW	ALA-50	SUR VOL	FNP-O-NDE-100.5 FNP-O-NDE-100.44	
C-F-1 C5.21	ALA2-4610-9 Figure 030	PIPE TO TEE	APR-2	SUR VOL	FNP-O-NDE-100.5 FNP-O-NDE-100.44	
C-F-2 C5.51	ALA2-4201-36 Figure	Pipe to Pipe	ALA-23	VOL-AUG	FNP-O-NDE-100.43	100% of length using 1974 Code
C-F-2 C5.52	ALA2-4201-36LI Figure	Pipe Long. Seam	ALA-23	VOL-AUG	FNP-O-NDE-100.43	100% of length using 1974 Code
	Figure					
	Figure					
	Figure					
	Figure					
	Figure					

PC-01 PC-02 PC-03 PC-04

Joseph M. Farley Nuclear Plant – Unit 1
Interval 3, Period 2, Outage 2
Inservice Inspection Report

Tab D

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
B11-WO2004201	

1. Owner	2. Plant	Unit 1
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	Date 4/29/03

3. Work performed by	Type Code Symbol Stamp
Name : Westinghouse Electric Company	N/A
Address : P. O. Box 355, Pittsburgh, PA 15230-0355	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Q1B11, Unit 1 Reactor Vessel & Head

5.

(a) Applicable Construction Code: ASME Section III 19 68 Edition Summer 1970 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Part-Length CRDM Housing	Royal Industries, E.P.D	RA70-164	135	RI drawing 121C142	1972	Replacement	Yes
Part-Length CRDM Housing	Royal Industries, E.P.D	RA70-149	137	RI drawing 121C142	1972	Replacement	Yes
Part-Length CRDM Housing	Royal Industries, E.P.D	RA70-144	136	RI drawing 121C142	1972	Replacement	Yes
Part-Length CRDM Housing	Royal Industries, E.P.D	RA70-146	138	RI drawing 121C142	1972	Replacement	Yes
Part-Length CRDM Housing	Royal Industries, E.P.D	RA70-147	139	RI drawing 121C142	1972	Replacement	Yes

7. Description of Work

The 5 Unit 1 Reactor Vessel Head Part-Length CRDM Housings (D-8, H-4, H-8, H-12, M-8) were disassembled and modified with a seal-welded plug design in accordance with DCP S-02-1-9847, WO 2004201, and FNP-1-ETP-4488.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure 2235 PSI Temperature 547 °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	
B11-WO2004201	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Installation and welding activites were performed by Westinghouse Electric Company in accordance with procedure MRS-SSP-1443.

The normal operating pressure leak test was performed by SNC per FNP-1-SOP-1.4.

The modified plug assemblies include plugs (Westinghouse part number 6469E90H05), spacers (Westinghouse part number 6469E90H06),

And dowel pins (Westinghouse part number 6469E90H07).

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed [signature] Engineering Support Manager (Owner or Owner's Designee, Title) Date 5/12/03

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HARTFORD STEAM BOILER OF CT of HARTFORD, Connecticut have inspected the components described in this Owner's Report during the period 4/14/03 to 5/2/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward
Inspector's Signature

Commissions GA 328 INA
National Board, State, Province, and Endorsements

Date 5/15/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
B13 DCP 9535.01	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1
		Date 3/26/03

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Outage and Modifications	N/A
	Authorization Number N/A
Address : Joseph M. Farley Nuclear Plant	Expiration Date N/A

4. Identification of System

REACTOR COOLANT SYSTEM

5.

(a) Applicable Construction Code: AISC 19 69 Edition N/A Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
PIPE SUPPORT	SNC		N/A	RC-R100	2003	REPLACEMENT	NO

7. Description of Work

PIPE SUPPORT RC-R100 MODIFIED PER DCP 9535 & WO# 3000824

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
B13 DCP 9535.01	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed RM Hamm / O&M Mgr Date 4/29/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by Hartford Steam Boiler of CT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/31/03 to 4/25/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles E Ward Commissions 6A328 IN

Inspector's Signature National Board, State, Province, and Endorsements

Date 4/29/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
B41 – WO M03002158	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 **Date** April 23, 2003

3. Work performed by	Type Code Symbol Stamp
Name : PCI Energy Services	N/A
Address : One Energy Drive P.O. Box 3000 Lake Bluff, IL 60044	**Authorization Number** N/A
	Expiration Date N/A

4. Identification of System

Reactor Coolant Pump

5.

(a) Applicable Construction Code: ASME Section III, 19 71 Edition Summer 1972 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N-416-1 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Pipe	Babcock & Wilcox	2386/2387/2389	N/A	P.O. FNP-2	1976	Replaced	Yes
Flange	Western Forge	2256/2271/2267	N/A	P.O. FNP-2	1976	Replaced	Yes
Pipe	Changwon Specialty Steel	A53470	N/A	QP020505	2002	Replacement	No
Flange	WFI	2561ANE	N/A	QP030321	2003	Replacement	No

7. Description of Work

The Component Cooling Water inlet pipe to the thermal barrier of Reactor Coolant Pump Q1B41P001C exhibited external cracking during dye penetrant test of piping between the pump casing and the first flange. The pipe and flange spool piece were replaced. Ref: MIF 03037035.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	
B41 – WO M03002158	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

The pipe to pump casing weld was made and liquid penetrant examined by PCI Energy Services under the PCI Quality Assurance Program.

The pipe to flange weld was made under Work Order M03002161 by PCI Energy Services and liquid penetrant examined by PCI Energy Services under the PCI Quality Assurance Program

Radiography of the pipe to flange weld was performed by GE Services under the SNC Quality Assurance Program

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed [signature] Maintenance Manager Date 6/11/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/16/03 to 6/11/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[signature] Commissions GA 328 INA

Inspector's Signature — National Board, State, Province, and Endorsements

Date 6/11/03

AKN 7-28-03
CGN 5/1403

FORM NR-1 REPORT OF WELDED REPAIR ☐ MODIFICATION ☐ OR REPLACEMENT ☒ TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

Work performed by: PCI Energy Services (name of NR certificate holder) 900111-036 (PO no., job no., etc.)

One Energy Drive, Lake Bluff, Illinois 60044 (address)

2. Owner: Southern Nuclear Operating Company (name)

40 Inverness Center Parkway, Birmingham, Alabama 35242 (address)

3. Name, address and identification of Nuclear Power Plant: Farley Nuclear Plant Unit 1

7388 N. State Highway 95, Columbia, Alabama 36319

4. System: Reactor Coolant System

5a. Items Which Require Repair, Modification, or Replacement Activities

	Identification							Construction Code				Activity
No	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1	REACTOR COOLANT PUMP 1C	WESTING-HOUSE	3-114E931-GR1	N/A	—	—	1976 ~~1971~~ add'n 4-28-03 CGN 5/1403	ASME-III	1971 W/SUMMER 72ADD.	N/A	1	REPLACE
2												
3												
4												
5												
6												
7												
8												
9												
10												

5b. Items Installed During Replacement Activities (See Remarks)

	Identification							Construction Code			
Type of Item	Installed or Replaced 5a Item No.	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class

6. ASME Code Section XI applicable for inservice inspection: 1989 (edition) N/A (addenda) N/A (Code case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1989 (edition) N/A (addenda) N/A (code cases(s))

8. Construction Code used for repairs, modifications, or replacements: 1971 (edition) SUMMER 72 (addenda) N/A (Code Cases(s))

9. Design responsibilities: WESTINGHOUSE ELECTRIC CORPORATION

Tests conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ pressure: N/A Psi. Code Case(s): N/A

11. Description of work: (1) PERFORMED FABRICATION AND WELDING OF (1) COMPONENT COOLING WATER INLET NOZZLE TO THERMAL BARRIER UTILIZING THE MANUAL GTAW PROCESS AND PCI WELD PROCEDURE SPECIFICATION # 8-MN-GTAW/SMAW- REVISION 8. (2) PERFORMED LIQUID PENETRANT EXAMINATION OF WELD PREPARATIONS PRIOR TO WELDING, PROGRESSIVE PT AT HALF WAY OUT AND FINAL PT OF THE COMPLETED WELD UTILIZING PCI GQP 9.7, REVISION 8 AND THE RESULTS WERE ACCEPTABLE.

12. Remarks: ALL PCI WELDERS ARE QUALIFIED IN ACCORDANCE WITH ASME SECTION IX PER PCI PROCEDURES. ALL MATERIALS WERE PROVIDED BY SOUTHERN NUCLEAR OPERATING COMPANY. PRESSURE TEST TO BE PERFORMED BY SOUTHERN NUCLEAR OPERATING COMPANY

NOTE: NAME PLATE WAS NOT ATTACHED DUE TO SIZE LIMITATION. ATTACHMENT BY BANDING OR WIRING WAS NOT DESIRABLE DUE TO POSSIBLE INTERFERENCE WITH PUMP VIBRATION MONITORING. NAMEPLATE RETAINED BY CUSTOMER.

CERTIFICATE OF COMPLIANCE

I Alicia Hutton, certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement activities described above conform to Section XI of the ASME code and the National Board Inspection Code "NR" rules.

National Board Certificate of Authorization No: 74 to use the "NR stamp expires AUGUST 20, 2004

Date: April 19, 2003 Signed PCI Energy Services (name of repair organization) Alicia Hutton (authorized representative) 4-28-03 QA/QC (title)

CERTIFICATE OF INSPECTION

I Charles G. Ward, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of: Georgia and employed by: HARTFORD STEAM BOILER of CT of Hartford CT. have inspected the repair, modification or replacement described in the report on April 19, 2003 and state that to the best of my knowledge and belief, this repair. modification or replacement has been completed in accordance with Section XI of the ASME Code and the national Board Inspection Code "NR" rules. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date: April 19, 2003 Signed Charles G Ward 5/6/03 (inspector) Commissions NB9241 GA 328 INA (National Board (include endorsements), and jurisdiction, and no.)

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
B41 – WO M03002159	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 **Date** April 23, 2003

3. Work performed by	Type Code Symbol Stamp
Name : PCI Energy Services	N/A
Address : One Energy Drive P.O. Box 3000 Lake Bluff, IL 60044	**Authorization Number** N/A
	Expiration Date N/A

4. Identification of System

Reactor Coolant Pump

5.

(a) Applicable Construction Code: ASME Section III, 19 71 Edition Summer 1972 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N-416-1 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Pipe	Allegheny Ludlum	2237/2232/2240	N/A	P.O. FNP-2	1976	Replaced	Yes
Flange	Western Forge	2017/2022/2040	N/A	P.O. FNP-2	1976	Replaced	Yes
Pipe	Changwon Specialty Steel	A53470	N/A	QP020505	2002	Replacement	No
Flange	WFI	2561ANE	N/A	QP030321	2003	Replacement	No

7. Description of Work

The Component Cooling Water inlet pipe to the thermal barrier of Reactor Coolant Pump Q1B41P001A exhibited indications of leakage between the pump casing and the first flange. The pipe and flange spool piece were replaced. Ref: MIF 03037035.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	
B41 – WO M03002159	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

The pipe to pump casing weld was made and liquid penetrant examined by PCI Energy Services under the PCI Quality Assurance Program.

The pipe to flange weld was made under Work Order M03002161 by PCI Energy Services and liquid penetrant examined by PCI Energy Services under the PCI Quality Assurance Program

Radiography of the pipe to flange weld was performed by GE Services under the SNC Quality Assurance Program

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed [signature] Maintenance Manager Date 6/11/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/16/03 to 6/11/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[signature] Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/11/03

QRN 4-28-03
CSW 5/6/03

FORM NR-1 REPORT OF WELDED REPAIR ☐ MODIFICATION ☐ OR REPLACEMENT ☒ TO NUCLEAR COMPONENTS AND SYSTEMS IN NUCLEAR POWER PLANTS

Work performed by: PCI Energy Services (name of NR certificate holder) — 900111-035 (PO no., job no., etc.)

One Energy Drive, Lake Bluff, Illinois 60044 (address)

2. Owner: Southern Nuclear Operating Company (name)

40 Inverness Center Parkway, Birmingham, Alabama 35242 (address)

3. Name, address and identification of Nuclear Power Plant: Farley Nuclear Plant Unit 1

7388 N. State Highway 95, Columbia, Alabama 36319

4. System: Reactor Coolant System

5a. Items Which Require Repair, Modification, or Replacement Activities

Identification								Construction Code				Activity
No	Type of Item	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class	Repair/ Mod/ Replace
1	REACTOR COOLANT PUMP 1A	WESTING-HOUSE	1-114E931-GR1	N/A	—	—	1976 ~~1971~~ QRN 4-28-03 CSW 5/6/03	ASME-III	1971 W/SUMMER 72ADD.	N/A	1	REPLACE
2												
3												
4												
5												
6												
7												
8												
9												
10												

5b. Items Installed During Replacement Activities (See Remarks)

Identification								Construction Code			
Type of Item	Installed or Replaced 5a Item No.	Mfg. Name	Mfg. Serial No.	Nat'l Bd. No.	Jurisd. No.	Other	Year Built	Name/ Section/ Division	Edition/ Addenda	Code Case(s)	Code Class

6. ASME Code Section XI applicable for inservice inspection: 1989 (edition) — N/A (addenda) — N/A (Code case(s))

7. ASME Code Section XI used for repairs, modifications, or replacements: 1989 (edition) — N/A (addenda) — N/A (code case(s))

8. Construction Code used for repairs, modifications, or replacements: 1971 (edition) — SUMMER 72 (addenda) — N/A (Code Case(s))

9. Design responsibilities: WESTINGHOUSE ELECTRIC CORPORATION

Tests conducted: hydrostatic ☐ pneumatic ☐ design pressure ☐ pressure: N/A Psi. Code Case(s): N/A

11. Description of work: (1) PERFORMED FABRICATION AND WELDING OF (1) COMPONENT COOLING WATER INLET NOZZLE TO THERMAL BARRIER UTILIZING THE MANUAL GTAW PROCESS AND PCI WELD PROCEDURE SPECIFICATION # 8-MN-GTAW/SMAW- REVISION 8. (2) PERFORMED LIQUID PENETRANT EXAMINATION OF WELD PREPARATIONS PRIOR TO WELDING, PROGRESSIVE PT AT HALF WAY OUT AND FINAL PT OF THE COMPLETED WELD UTILIZING PCI GQP 9.7, REVISION 8 AND THE RESULTS WERE ACCEPTABLE.

12. Remarks: ALL PCI WELDERS ARE QUALIFIED IN ACCORDANCE WITH ASME SECTION IX PER PCI PROCEDURES. ALL MATERIALS WERE PROVIDED BY SOUTHERN NUCLEAR OPERATING COMPANY. PRESSURE TEST TO BE PERFORMED BY SOUTHERN NUCLEAR OPERATING COMPANY

NOTE: NAME PLATE WAS NOT ATTACHED DUE TO SIZE LIMITATION. ATTACHMENT BY BANDING OR WIRING WAS NOT DESIRABLE DUE TO POSSIBLE INTERFERENCE WITH PUMP VIBRATION MONITORING. NAMEPLATE RETAINED BY CUSTOMER.

CERTIFICATE OF COMPLIANCE

I Alicia Hutton, certify that to the best of my knowledge and belief the statements made in this report are correct and the repair, modification or replacement activities described above conform to Section XI of the ASME code and the National Board Inspection Code "NR" rules.

National Board Certificate of Authorization No: 74 to use the "NR stamp expires AUGUST 20, 2004

Date: April 19, 2003 Signed PCI Energy Services (name of repair organization) Alicia Hutton (authorized representative) 4-28-03 QA/QC (title)

CERTIFICATE OF INSPECTION

I Charles G. Ward, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of: Georgia and employed by: HARTFORD STEAM BOILER of CT of Hartford CT. have inspected the repair, modification or replacement described in the report on April 19, 2003 and state that to the best of my knowledge and belief, this repair, modification or replacement has been completed in accordance with Section XI of the ASME Code and the national Board Inspection Code "NR" rules. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

CGW 5/16/03

Date: April 19, 2003 Signed Charles G Ward (inspector) Commissions NB9241 GA 328 INA (National Board (include endorsements), and jurisdiction, and no.)

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
B13 - WA689426	

1. Owner
Southern Nuclear Operating Company
40 Inverness Center Parkway
Birmingham, Alabama 35242
(as agent for Alabama Power Company)

2. Plant
Farley Nuclear Plant
Highway 95 South
Columbia, Alabama 36319

Unit FNP 1

Date April 29, 2003

3. Work performed by

Name : Southern Nuclear Operating Company Maintenance Department

Address : Joseph M. Farley Nuclear Plant

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System
Reactor Coolant System

5.
(a) Applicable Construction Code: ASME Section III, 19 71 Edition Winter 1972 Addenda, N/A Code Case
(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Safety Valve	Crosby	N56963-01-0001	N/A	P. O. FNP-2	1975	Replaced	Yes
Safety Valve	Crosby	N56963-01-0003	N/A	P. O. FNP-2	1975	Replacement	Yes

7. Description of Work
Pressurizer safety valve Q1B13V0031B was removed from its installed position and shipped offsite for testing and, if required, refurbishment. A previously refurbished safety valve was installed in place of the removed valve. Ref: MIF 03035342.

8. Test Conducted
☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other
Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType: L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
B13 - WA689426	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

The replacement valve was previously refurbished by Wyle Laboratories under purchase order QP010280.

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Moore Maintenance Manager (Owner or Owner's Designee, Title) Date 6-17-03

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/22/03 to 6/19/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Woodard Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/19/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
B21 - WO03002422	

1. Owner
Southern Nuclear Operating Company
40 Inverness Center Parkway
Birmingham, Alabama 35242
(as agent for Alabama Power Company)

2. Plant
Farley Nuclear Plant
Highway 95 South
Columbia, Alabama 36319

Unit: FNP 1

Date: April 29, 2003

3. Work performed by

Name : Southern Nuclear Operating Company Maintenance Department

Address : Joseph M. Farley Nuclear Plant

Type Code Symbol Stamp: N/A

Authorization Number: N/A

Expiration Date: N/A

4. Identification of System

Steam Generator

5.

(a) Applicable Construction Code: ASME Section III, 19 89 Edition N/A Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Bolt	Vicente Berrizbeitia	250	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	UNKNOWN	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	UNKNOWN	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Ionics, Inc.	015	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	019	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	017	N/A	P. O. QP020518	2002	Replacement	No

7. Description of Work

During the removal of the top of tube sheet hand hole covers for Steam Generator Q1B21H0001B, one (1) bolt galled in cover 10A and two (2) bolts galled in cover 10C. The bolts had to be destroyed in order to be removed and new bolts were installed in their place. Ref: MIFs)3037110 & 03037131.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
B21 - WO03002422	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B O'Mara Maintenance Manager Date 6-17-03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of HARTFORD CONNECTICUT have inspected the components described in this Owner's Report during the period 4/17/03 to 6/19/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/19/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
B21 - WO03002421	

1. Owner
Southern Nuclear Operating Company
40 Inverness Center Parkway
Birmingham, Alabama 35242
(as agent for Alabama Power Company)

2. Plant
Farley Nuclear Plant
Highway 95 South
Columbia, Alabama 36319

Unit FNP 1

Date April 29, 2003

3. Work performed by

Name : Southern Nuclear Operating Company Maintenance Department

Address : Joseph M. Farley Nuclear Plant

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System
Steam Generator

5.
(a) Applicable Construction Code: ASME Section III, 19 89 Edition N/A Addenda, N/A Code Case
(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Bolt	Vicente Berrizbeitia	182	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	UNKNOWN	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	UNKNOWN	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Ionics, Inc.	016	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	010	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	018	N/A	P. O. QP020518	2002	Replacement	No

7. Description of Work
During the removal of the top of tube sheet hand hole covers for Steam Generator Q1B21H0001A, one (1) bolt galled in cover 10C and two (2) bolts galled in cover 11B. The bolts had to be destroyed in order to be removed and new bolts were installed in their place. Ref: MIF's 03037109 & 03037130.

8. Test Conducted
☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other
Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
B21 - WO03002421	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Moon Maintenance Manager Date 6-17-03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of have inspected the components described in this Owner's Report during the period 4/17/03 to 6/19/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/19/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 3
B21 - WO03002423	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date April 29, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Steam Generator

5.

(a) Applicable Construction Code: ASME Section III, 19 89 Edition N/A Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Bolt	Vicente Berrizbeitia	124	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	212	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	301	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	416	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	UNKNOWN	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	UNKNOWN	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	UNKNOWN	N/A	P. O. QP970783	1999	Replaced	No
Bolt	Vicente Berrizbeitia	UNKNOWN	N/A	P. O. QP970783	1999	Replaced	No

7. Description of Work

During the removal of the top of tube sheet hand hole covers for Steam Generator Q1B21H0001C, four (4) bolts galled in cover 10B and four (4) bolts galled in cover 10C. The bolts had to be destroyed in order to be removed and new bolts were installed in their place. Ref: MIF's 03037111 & 03037133.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 3
B21 - WO03002423	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama. 36319	FNP 1 Date April 29, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Steam Generator

5.

(a) Applicable Construction Code: ASME Section III, 19 89 Edition N/A Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Bolt	Ionics, Inc.	011	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	012	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	013	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	014	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	020	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	021	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	022	N/A	P. O. QP020518	2002	Replacement	No
Bolt	Ionics, Inc.	023	N/A	P. O. QP020518	2002	Replacement	No

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 3 of 3
B21 - WO03002423	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Moore Maintenance Manager Date 6-17-03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/17/03 to 6/19/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles C Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/19/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
B21 - WO03002103	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date April 29, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Steam Generator

5.

(a) Applicable Construction Code: ASME Section III, 19 89 Edition N/A Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N-496-1 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Helicoil	Emhart Fastening Teknologies	95582	N/A	P. O. QP020515	2001	Replacement	No

7. Description of Work

In removing handhole covers 10B and 10D on Steam Generator Q1B21H0001C, several bolts were galled. Helicoils were installed in bolt hole # 4 (per FNP-0-MP-100.03, hole # 7 per Westinghouse procedure) on the 10B cover and in bolt hole # 6 (per both procedures) on the 10D cover. Ref: MIF 03036193.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType: L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
B21 - WO03002103	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Mrom Maintenance Manager Date 6-16-03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford Connecticut have inspected the components described in this Owner's Report during the period 4/9/03 to 6/17/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles E Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/17/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
B21 - WO03002127	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date April 29, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Steam Generator

5.

(a) Applicable Construction Code: ASME Section III, 19 89 Edition N/A Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N-496-1 Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Helicoil	Emhart Fastening Teknologies	95582	N/A	P. O. QP020515	2001	Replacement	No

7. Description of Work

In removing handhole covers 11B on Steam Generator Q1B21H0001A, at least one bolt was galled. A helicoil was installed in bolt hole # 7 (per FNP-0-MP-100.03, hole # 8 per Westinghouse procedure) on the 11B cover. Ref: MIF 03036689.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType: L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
B21 - WO03002127	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Moore Maintenance Manager Date 6-16-03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/5/03 to 6/17/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles L Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/17/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType : L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E11 - WO02007296	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1 Date April 17, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Residual Heat Removal System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Hyd. Snubber	ITT Grinnell	No Tag	N/A	P.O. FNP - 222	1976	Replaced	No
Hyd. Snubber	ITT Grinnell	13952	N/A	P.O. FNP - 222	1976	Replacement	No

7. Description Of Work

Snubber RHR-R95 was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with another ITT Grinnell snubber by Williams Power Corporation. Ref: Replacement snubber was part of the deletion scope from EXAM 432 location.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 2 of 2
E11 - WO02007296	

9. **Remarks (Applicable Manufacturer's Data Reports To Be Attached)**

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this ASME Code, Section XI. replacement (repair or replacement) conforms to the rules of the

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B U Mon Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/9/03 to 5/29/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/29/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType : L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO02007417	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1 Date April 23, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Chemical and Volume Control System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	34204	N/A	P.O. QP1299	1983	Replaced	Yes
Load Stud	Pacific Scientific	Unknown	N/A	P.O. FNP - 222	1975	Replaced	No
Load Stud Nuts	Pacific Scientific	Unknown	N/A	P.O. FNP - 222	1975	Replaced	No
Hyd. Snubber	Lisega	0261551. / 068	N/A	P.O. QP020655	2002	Replacement	No
Load Stud	Pacific Scientific	N2498	N/A	P.O. QP1536	1987	Replacement	No
Load Stud Nuts	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No

7. Description Of Work

Snubber SS-2679B was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The load stud and load stud nuts damaged during removal were replaced with approved equals. Ref: MIFs 03034201, 03035570

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
E21 - WO02007417	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed [signature] Date 5/15/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/28/03 to 5/29/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[signature] Commissions GA 328 INA

Inspector's Signature — National Board, State, Province, and Endorsements

Date 5/29/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO02007416	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1 Date April 23, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Chemical and Volume Control System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	33469	N/A	P.O. QP1299	1983	Replaced	Yes
Hyd. Snubber	Lisega	0261551. / 096	N/A	P.O. QP020655	2002	Replacement	No

7. Description Of Work

Snubber SS-2676 was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. Ref: MIF 03034202

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
E21 - WO02007416	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this ASME Code, Section XI. replacement (repair or replacement) conforms to the rules of the

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Moore Date 5/15/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/28/03 to 5/28/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/28/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO02007314	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1
		Date: April 13, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number: N/A
	Expiration Date: N/A

4. Identification Of System: Chemical and Volume Control System

5.
(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case
(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition ____ Addenda, ____ Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Load Stud	Pacific Scientific	Unknown	N/A	P.O. FNP-222	1975	Replaced	No
Load Stud Nuts	Pacific Scientific	Unknown	N/A	P.O. FNP-222	1975	Replaced	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load Stud Nuts	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No

7. Description Of Work
Snubber SS-4623A was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was reinstalled by Williams Power Corporation. The load stud and load stud nuts damaged during removal were replaced with approved equals.
Ref: MIF 03035650

8. Test Conducted
☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other
Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
E21 - WO02007314	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed R Mason Date 5/5/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford Connecticut have inspected the components described in this Owner's Report during the period 3/28/03 to 5/12/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/12/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
P16 DCP 9669.01	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date Nov. 12, 2002

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company-Outage and Modifications	N/A
	Authorization Number N/A
Address : Joseph M. Farley Nuclear Plant	Expiration Date N/A

4. Identification of System

Service Water

5.

(a) Applicable Construction Code: ASME 111 19 71 Edition SUM 71 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Piping	SNCO	P16	N/A	P16 HBB-8-WO# 11606	2003	Replacement	No
Valve	Anchor/Darling	ET664-1-1	N/A	Q1P16V075	1994	Replaced	YES
Valve	Flowserve Corporation	E548T-1-1	N/A	Q1P16V075	2002	Replacement	YES

7. Description of Work

This report documents the replacement of check valve Q1P16V075 along with some pipe and pipe fittings per MWR 2004472 and Q-1-P16-(S01-1-9669)-WO# 11606 per DCP S01-1-9669. Piping (6"-HBB-8) was modified by addition of a slip on flange.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	
P16 DCP 9669.01	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

See DCP Issue History Report and Traveler Bill of Materials for applicable Material Issue numbers.

Piping was modified per DCP S01-1-9669 and Traveler Work Order No. Q-1-P16-(S01-1-9669)-WO# 11606. The Containment Isolation Check Valve

Q1P16V075 was replace under the same Traveler Work Order No. Q-1-P16-(S01-1-9669)-WO# 11606 and Work Request No. 2004472.

Manufacture's Data Report for the Replacement Valve is on file in P.O.# QP020087.

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed Ron Coleman / O+M Mgr. O&M Manager Date 4/19/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HARTFORD STEAM BOILER OF CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 1/20/03 to 4/18/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 4/19/03

* CORRECTED COPY - 4/22/03 ANI

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Flowserve Corporation, 701 First Street, Williamsport, PA. 17701
(name and address of N Certificate Holder)

2. Manufactured for Alabama Power Company, P.O. Box 2641, Birmingham, AL. 36319.
(name and address of Purchaser)

3. Location of Installation Farley Nuclear Station, Highway 95 South, Columbia, AL. 35291-0116
(name and address)

4. Model No., Series No., or Type Check Drawing W0225909 Rev. A CRN N/A

5. ASME Code, Section III, Division 1: 1989 (edition) - (addenda date) 2 (class) N/A (Code Case no.)

6. Pump or valve Valve Nominal inlet size 6 (in.) Outlet size 6 (in.)

7. Material: Body SA351-CF3M Bonnet N/A Disk SA479-316 Bolting N/A

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
E548T-1-1	N/A	SN: R77	N/A	HT# 527611 (1-1)

*Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Certificate Holder's Serial No. E548T-1-1

8. Design conditions 150 (pressure) psi 200 (temperature) °F or valve pressure class 150 (1)

9. Cold working pressure 275 psi at 100°F

10. Hydrostatic test 425 psi. Disk differential test pressure 303 psi

11. Remarks: Materials: Seat Ring: SA351-CF3M: HT# M5605, SN: 1
Spring Guide: SA240-316L : Heat Code: 601053-4A.

CERTIFICATION OF DESIGN

Design Specification certified by An Nguyen P.E. State AL Reg. no. 15301
Design Report certified by Theron C. Bartlett II P.E. State PA Reg. no. -039036E

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712 Expires * 4/15/04 ~~4/15/02~~ 4/22/03

Date 6/28/02 Name Flowserve Corporation (N Certificate Holder) Signed RR Dellen (authorized representative) 4-22-03

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ~~or Province~~ of Pennsylvania and employed by One Beacon America Ins. Co. of Boston, MA. have inspected the pump, or valve, described in this Data Report on 7-3-02, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 7-3-02 Signed Charles Young (Authorized Inspector) Commissions Pennsylvania 2392 8 (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

(1) For manually operated valves only.

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
N11 - WO03000471	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date April 25, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Main Steam System

5.

(a) Applicable Construction Code: ASME Section III, 19 71 Edition Summer 1973 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Disc Assembly	Atwood & Morrill	*FNPSN10	N/A	P. O. 21144	1983	Replaced	Yes
Disc Assembly	Atwood & Morrill	*FNPSN19	N/A	P. O. 21144	1983	Replacement	No

7. Description of Work

During Inspection of Main Steam Isolation Valve Q1N11V0002C, the disc assembly was determined to be in need of replacement. A previously refurbished disc assembly was installed in the valve. Ref: MIF 03035471.

See note on sheet 2 for explanation of asterisks.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
N11 - WO03000471	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

*This disc assembly was re-serialized by SNC to improve traceability of individual parts. See the spreadsheet attached to work order 03000471 for a detailed breakdown of manufacturers identification data for each part.

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Moore Maintenance Manager (Owner or Owner's Designee, Title) Date 6/27/03

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/2/03 to 7/8/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Wood Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/8/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
N11 - WO03000469	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date April 29, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A Expiration Date N/A

4. Identification of System

Main Steam System

5.

(a) Applicable Construction Code: ASME Section III, 19 71 Edition Summer 1973 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Disc Assembly	Atwood & Morrill	*FNPSN3	N/A	P. O. 22602	1983	Replaced	No
Disc Assembly	Atwood & Morrill	*FNPSN2	N/A	P. O. 67283	1981	Replacement	Yes

7. Description of Work

During Inspection of Main Steam Isolation Valve Q1N11V0002B, the disc assembly was determined to be in need of replacement. A previously refurbished disc assembly was installed in the valve. Ref: MIF 03035470.

See note on sheet 2 for explanation of asterisks.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
N11 - WO03000469	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

*This disc assembly was re-serialized by SNC to improve traceability of individual parts. See the spreadsheet attached to work order 03000469 for a detailed breakdown of manufacturers identification data for each part.

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed E C Mon Maintenance Manager Date 6/27/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/2/03 to 7/8/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/8/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
N11 - WO03000468	

1. Owner
Southern Nuclear Operating Company
40 Inverness Center Parkway
Birmingham, Alabama 35242
(as agent for Alabama Power Company)

2. Plant
Farley Nuclear Plant
Highway 95 South
Columbia, Alabama 36319

Unit
FNP 1

Date
April 29, 2003

3. Work performed by
Name : Southern Nuclear Operating Company Maintenance Department
Address : Joseph M. Farley Nuclear Plant

Type Code Symbol Stamp
N/A

Authorization Number
N/A

Expiration Date
N/A

4. Identification of System
Main Steam System

5.
(a) Applicable Construction Code: ASME Section III, 19 71 Edition Summer 1973 Addenda, N/A Code Case
(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Disc Assembly	Atwood & Morrill	*FNPSN9	N/A	P. O. 21144	1983	Replaced	Yes
Disc Assembly	Atwood & Morrill	*FNPSN17	N/A	P. O. FNP-191	1975	Replacement	No

7. Description of Work
During Inspection of Main Steam Isolation Valve Q1N11V0002A, the disc assembly was determined to be in need of replacement. A previously refurbished disc assembly was installed in the valve. Ref: MIF 03035468.
See note on sheet 2 for explanation of asterisks.

8. Test Conducted
☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other
Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
N11 - WO03000468	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

*This disc assembly was re-serialized by SNC to improve traceability of individual parts. See the spreadsheet attached to work order 03000468 for a detailed breakdown of manufacturers identification data for each part.

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Moore Maintenance Manager Date 6/27/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/2/03 to 7/1/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Wood Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/1/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO02007411	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1 Date April 18, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Safety Injection Systerm

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	11240	N/A	P.O. 72352	1981	Replaced	Yes
Bolt	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Nut	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Hyd. Snubber	Lisega	0261551. / 091	N/A	P.O. QP020655	2002	Replacement	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load Stud Nuts	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No

7. Description Of Work

Snubber SS-1975D was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The bolt and nut found securing the snubber were replaced with an approved load stud and load stud nuts. Ref: MIFs 03034215, 03035905

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
E21 - WO02007411	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Mm Date 6-17-03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and Employed by HSB-CT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/12/03 to 6/12/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Wood Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/12/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO01008263	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date April 29, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Chemical & Volume Control System

5.

(a) Applicable Construction Code: ASME Section III, 19 71 Edition Winter 1971 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Disc	BW / IP International	311564 SN 37	N/A	P. O. QP950491	1995	Replaced	Yes
Disc	Kerotest	AJU3-1	N/A	P. O. QP-0985	1986	Replacement	Yes

7. Description of Work

Charging Flow Regulating Valve (FCV0122) Bypass Valve Q1E21V0581 was reported to be leaking by the seat. The valve was disassembled and inspected and the disc was found to be badly scarred. A new disc was installed in the valve. Ref: MIF 03033138.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
E21 - WO01008263	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed D Moon Maintenance Manager Date 6-17-03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/9/03 to 6/18/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Wood Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/18/03

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES*

As required by the Provision of the ASME Code Rules, Section III, Div. 1

5.

1. (a) Manufactured by Kerotest Mfg. Corp., 2525 Liberty Ave., Pgh, Pa 15222 (C120368)
(Name and address of NPT Certificate Holder)

(b) Manufactured for Alabama Power Co., Birmingham, Alabama
(Name and address of N Certificate Holder for completed nuclear component)

2. Identification-Certificate Holder's Serial No. of Part AJU3-1 Nat'l Bd. No. N/A

(a) Constructed According to Drawing No. 9909-9-(1)-2 Drawing Prepared by Kerotest Mfg. Corp.

(b) Description of Part Inspected 2" Disc

(c) Applicable ASME Code: Section III, Edition 1971, Addenda date *Winter 1971, Case No. N/A Class 1

3. Remarks: Spare Parts for Nuclear Valves
(Brief description of service for which component was designed)
(N-2 & Supplement) 2 Sheets

*with para. BN6111.1C of the Winter 1972 Addenda

We certify that the statements made in this report are correct and this vessel part or appurtenance as defined in the Code conforms to the rules of construction of the ASME Code Section III.
(The applicable Design Specification and Stress Report are not the responsibility of the NPT Certificate Holder for parts. An NPT Certificate Holder for appurtenances is responsible for furnishing a separate Design Specification and Stress Report if the appurtenance is not included in the component Design Specification and Stress Report.)

Date 9/12 19 86 Signed Kerotest Mfg. Corp. By [signature]
(NPT Certificate Holder)

Certificate of Authorization Expires 4/25/89 Certificate of Authorization No. 1903

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at

Stress analysis report on file at

Design specifications certified by Prof. Eng. State Reg. No.

Stress analysis report certified by Prof. Eng. State Reg. No.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Pennsylvania and employed by The Hartford Steam Boiler I&I Co. of Hartford, Connecticut have inspected the part of a pressure vessel described in this Partial Data Report on 9-12- 19 86 and state that to the best of my knowledge and belief, the NPT Certificate Holder has constructed this part in accordance with the ASME Code Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the part described in this Partial Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 9-12- 19 86

[signature]
Inspector's Signature

Commissions PA 2374 N
National Board, State, Province and No.

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8½" x 11", (2) information in Items 1 and 2 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form. "Remarks"

SUPPLEMENT SHEET FORM N-2

1. (A) MANUFACTURED BY: Kerotest Mfg. Corp., 2525 Libertv Ave., Pgh, Pa 15222 (C120368)

   (B) MANUFACTURED FOR: Alabama Power Co., Birmingham, Alabama

2. IDENTIFICATION -

   (A) DRAWING NO.: 9909-9-(1)-Z, Rev. - DRAWING PREPARED BY: Kerotest Mfg. Corp.

   (B) DESCRIPTION - SIZE 2", Disc

   (C) ASME CODE SECTION III

   EDITION 1971, ADDENDA DATE *Winter 1971, CASE NO. N/A, CLASS 1

	SERIAL NUMBER		SERIAL NUMBER
2.	AJU3-2	14.	
3.	AJU3-3	15.	
4.	AJU3-4	16.	
5.	AJU3-5	17.	
6.	AJU3-6	18.	
7.	AJU3-7	19.	
8.		20.	
9.		21.	
10.		22.	
11.		23.	
12.		24.	
13.		25.	

3. REMARKS: Spare Parts for Nuclear Valves

   2 Sheets (N-2 and Supplement)

   *With Para. NB6111.1C of the Winter 1972 Addenda

SIGNED: Kerotest Manufacturing Corp. BY: [signature] DATE: 9/12/86

Authorized Nuclear Inspector BY: [signature] DATE: 9-12-86

PH 2.2640

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
B21 - WO02007406	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Al. 36319	FNP 1
		Date April 18, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Steam Generator System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition _____ Addenda, _____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	14083	N/A	P.O. QP1299	1980	Replaced	Yes
Bolt	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Nut	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Hyd. Snubber	Lisega	0261551. / 086	N/A	P.O. QP020655	2002	Replacement	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load stud Nut	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No

7. Description Of Work

Snubber FT-424D was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The bolt and nut found securing the snubber was replaced with an approved load stud and load stud nuts. Ref: MIFs 03034221, 03035904

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
B21 - WO02007406	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Moore Date 6/3/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/28/03 to 6/4/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/4/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
B21 - WO02007408	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Al. 36319	FNP 1
		Date April 18, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Steam Generator System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	37955	N/A	P.O. QP1470	1987	Replaced	No
Bolt	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Nut	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Hyd. Snubber	Lisega	0261551. / 067	N/A	P.O. QP020655	2002	Replacement	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129'	1989	Replacement	No
Load Stud Nuts	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No

7. Description Of Work

Snubber FT-436B was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The bolt and nut found securing the snubber were replaced with an approved load stud and load stud nuts. Ref: MIFs 03034218, 03035971

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 2 of 2
B21 - WO02007408	

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Thom Date 6/3/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of HARTFORD CONNECTICUT have inspected the components described in this Owner's Report during the period 3/28/03 to 6/4/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles S Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/4/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WA674871	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date July 31, 2002

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Chemical & Volume Control System

5.

(a) Applicable Construction Code: ASME Section III, 19 68 Edition Summer 1970 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Seal Housing	Ingersoll-Dresser Pump Company	23050-1-AA	N/A	P. O. QP931731	1994	Replaced	No
Seal Housing	Ingersoll-Dresser Pump Company	23050-1-AC	N/A	P. O. QP931731	1994	Replaced	No
Seal Housing	Pacific Pumps	2E299-AA	N/A	P. O. QP-3929	1989	Replacement	No
Seal Housing	Pacific Pumps	2E299-AC	N/A	P. O. QP-3929	1989	Replacement	No

7. Description of Work

As a part of a scheduled maintenance plan, the mechanical seals for Charging Pump Q1E21P0002B were replaced with new seals. The new seals were installed as an assembly in previously refurbished seal housings. Ref: MIF 02037633.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
E21 - WA674871	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

The replaced seal housings were installed under work authorization 425626.

The replacement seal housings were removed from Charging Pump Q1E21P0002C under work authorization 675306 and refurbished under work order 02000213.

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Mroz Maintenance Manager Date 6/27/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7/17/02 to 6/2/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles F Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/26/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO537145	

1. Owner
Southern Nuclear Operating Company
40 Inverness Center Parkway
Birmingham, Alabama 35242
(as agent for Alabama Power Company)

2. Plant
Farley Nuclear Plant
Highway 95 South
Columbia, Alabama 36319

Unit FNP 1

Date April 3, 2002

3. Work performed by

Name : Southern Nuclear Operating Company Maintenance Department

Address : Joseph M. Farley Nuclear Plant

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System
Safety Injection System

5.
(a) Applicable Construction Code: ASME Section III, 19 71 Edition Winter 1971 Addenda, N/A Code Case
(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Valve	Kerotest	S7-3	N/A	P. O. FNP-295	1973	Replaced	Yes
Valve	Flowserve Corporation	E013R-1-1	N/A	P. O. QP000470	2000	Replacement	Yes

7. Description of Work
Hydro Test Pump Suction Valve Q1E21V0028 was suspected to be leaking by the seat due to the seal water tank for the pump overflowing. The system could not be isolated to troubleshoot the valve, therefore a freeze seal was utilized to isolate the valve for replacement. The valve was cut out and a new valve was welded in its place. Ref: MIF 01042907.

8. Test Conducted
☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other
Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
E21 - WO537145	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Wilson Maintenance Manager Date 5/27/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB-CT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/25/02 to 5/30/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/30/03

0018207 .1493

FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES

As Required by the Provisions of the ASME Code Rules

1. Manufactured by Flowserve Corp. 701 First Street, Williamsport, PA 17701 (Name & Address of Manufacturer) Order No. E013R-1

2. Manufactured for Alabama Power Company, P.O. Box 1295, Birmingham, AL 35201. (Name and Address) Order No. QP000470

3. Owner Alabama Power Company

4. Location of Plant Farley Nuclear Station, Highway 95 South, Columbia, AL. 36319.

5. Pump or Valve Identification Valve, (1) One, 2"-1500#-Y-Globe. Job# E013R-1

Valve Serial Number: E013R-1-1

(Brief description of service for which equipment was designed)

(a) Drawing No. 7259497 Rev. J Prepared by Flowserve Corporation.

(b) National Board No. N/A

6. Design Conditions 2580 (Pressure) psi 650 (Temperature) °F

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 2

Edition 1971, Addenda Date (W) 1971, Case No. N/A

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
N/A			
(b) Forgings			
Body: R/S#332446	SA182-F316	BW/IP Pump Div.	
SN: 10			
* N-2 Data Form* for Body is enclosed with this form (See Section 2)			
Yoke: R/S# 330431	SA105	BW/IP Pump Div.	
SN: 35			

POOR QUALITY ORIGINAL

FORM NPV-1 (back)

	Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting				
N/A				
(d) Other Parts				
Bonnet: R/S# 316683		SA479-316	BW/IP Pump Div.	
SN: 13				
Disc: HT# 715898		SA479-316	Carpenter	
SN: 8				

8. Hydrostatic test 5450 psi.

CERTIFICATION OF DESIGN

Design information on file at Flowserve Corporation 701 First Street, Williamsport, PA. 17701.

Stress analysis report on file at Same as above

Design specifications certified by An Nguyen (1) Prof. Eng. State AL Reg. No. 15301

Stress analysis report certified by N/A (1) Prof. Eng. State _____ Reg. No. _____

(1) Signature not required. List name only.

We certify that the statements made in this report are correct.

Date 5-19-00 19____ Signed Flowserve Corp. (Manufacturer) By RK Nelkin

Certificate of Authorization No. N1712 expires 4/15/01

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State ~~or Province~~ of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, MA have inspected the equipment described in this Data Report on 5-30 thru 6-9-00, and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date JUN 09 2000 By CU 256

Charles Young

(Inspector) Charles Young Commissions Pennsylvania [illegible]

(National Board, State, Province and No.)

0015807

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III

Not to Exceed One Day's Production

1. Manufactured and certified by BW/IP INTERNATIONAL INC. PUMP DIV. LOS ANGELES OPERATION 2300 E. VERNON AVE. VERNON CA 900
(name and address of NPT Certificate Holder)

2. Manufactured for BW/IP INTERNATIONAL, INC. 701 FIRST STREET, WILLIAMSPORT, PENNSYLVANIA 17701-0428
(name and address of Purchaser)

3. Location of installation N/A
(name and address)

4. Type: P-9209-00-(1) REV. R (drawing no.) ASME SA182 GR. F-316 (mat'l. spec. no.) 75,000 PSI (tensile strength) N/A (CRN) 1998 (year built)

5. ASME Code, Section III, Division 1 1980 (edition) - SUMMER 1981 (addenda date) 1 (class) N/A (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A (no.) Revision N/A Date N/A

7. Remarks: BW/IP JOB NO. F9171 10400 PART NAME: BODY, SEMI FINISHED

HYDROSTATIC TESTING NOT PERFORMED NAMEPLATE ATTACHED BY WIRE

PRESSURE CLASS: 17088 FINAL LPI NOT PERFORMED

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. OD (ft & in.) N/A Length overall (ft & in.) N/A

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1)	332446 SN 2 ✓	N/A
(2)	332446 SN 3 ✓	N/A
(3)	332446 SN 5	N/A
(4)	332446 SN 8	N/A
(5)	332446 SN 10 ✓	N/A
(6)	332446 SN 14	N/A
(7)	332446 SN 15	N/A
(8)		
(9)		
(10)		
(11)		
(12)		
(13)		
(14)		
(15)		
(16)		
(17)		
(18)		
(19)		
(20)		
(21)		
(22)		
(23)		
(24)		
(25)		

	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(26)		
(27)		
(28)		
(29)		
(30)		
(31)		
(32)		
(33)		
(34)		
(35)		
(36)		
(37)		
(38)		
(39)		
(40)		
(41)		
(42)		
(43)		
(44)		
(45)		
(46)		
(47)		
(48)		
(49)		
(50)		

10. Design pressure 4099 psi. Temp. 100 °F. Hydro. test pressure N/A (when applicable) at temp. °F

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ × 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/88) This form (E0004C) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

Reprint (7/91)

FORM N-2 (Back — Pg. 2 of 2)

Certificate Holder's Serial Nos. 332446 SN 2 AND 332446 SN 3, SN 5, SN 8, SN 10, SN 14 & SN

CERTIFICATION OF DESIGN

Design specifications certified by N/A (name and address) P.E. State N/A Reg. no. N/A

Design report* certified by N/A (name and address) P.E. State N/A Reg. no. N/A

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that ~~XXX~~ (these) BODY, SEMI FINISHED conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-1131 Expires JUNE 10, 1999

Date FEB 11 1998 Name IM/IP INTERNATIONAL, INC. (NPT Certificate Holder) Signed (Authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CALIFORNIA and employed by ARKWRIGHT MUTUAL INS. CO. FACTORY MUTUAL ENGINEERING ASSOCIATION of NORWOOD, MASS have inspected these items described in this Data Report on FEB 20 1998, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date FEB 20 1998 Signed (Authorized Inspector) Commissions NBI, IS CA-1846 (Nat'l Bd. (incl. endorsements) and state or prov. and no.)

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO02007414	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1 Date April 13, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Chemical and Volume Control System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition _____ Addenda, _____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition _____ Addenda, _____ Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	26136	N/A	P.O. QP1301	1982	Replaced	Yes
Load Stud	Pacific Scientific	Unknown	N/A	P.O. FNP - 222	1975	Replaced	No
Load Stud Nuts	Pacific Scientific	Unknown	N/A	P.O. FNP - 222	1975	Replaced	No
Hyd. Snubber	Lisega	02615240 / 049	N/A	P.O. QP020655	2002	Replacement	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load Stud Nuts	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No

7. Description Of Work

Snubber SS-2608A was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The load stud and load stud nuts damaged during removal were replaced with approved equals. Ref: MIFs 03034204, 03035830

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
E21 - WO02007414	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this ASME Code, Section XI. replacement (repair or replacement) conforms to the rules of the

Type Code Symbol Stamp NA

Certificate of Authorization Number NA Expiration Date NA

Signed B Mura Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford Connecticut have inspected the components described in this Owner's Report during the period 3/28/03 to 5/29/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/29/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType : L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
B21 - WO02007409	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Al. 36319	FNP 1
		Date April 18, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Steam Generator System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	37956	N/A	P.O. QP1470	1987	Replaced	No
Bolt	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Nut	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Hyd. Snubber	Lisega	0261551. / 088	N/A	P.O. QP020655	2002	Replacement	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load Stud Nuts	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No

7. Description Of Work

Snubber FT-434B was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The bolt and nut found securing the snubber were replaced with an approved load and load stud nuts. Ref: MIFs 03034217, 03035972

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
B21 - WO02007409	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed [signature] Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/28/03 to 5/29/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[signature] Commissions GA 328 INA

Inspector's Signature — National Board, State, Province, and Endorsements

Date 5/29/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType : L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E13 - WO02007404	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1 Date April 20, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Containment Spray System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	16019	N/A	P.O. 72351	1981	Replaced	Yes
Mech. Snubber	Pacific Scientific	318	N/A	P.O. FNP - 222	1976	Replacement	No

7. Description Of Work

Snubber CS5-R38 was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with another Pacific Scientific mechanical snubber by Williams Power Corporation. Ref: MIF 03035318

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 2 of 2
E13 - WO02007404	

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this ASME Code, Section XI. replacement (repair or replacement) conforms to the rules of the

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Moore Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB - CT of Hartford Connecticut have inspected the components described in this Owner's Report during the period 3/22/03 to 5/29/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/29/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
N11 - WO02007430	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1 Date April 20, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Main Steam System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Load Stud Nut	ITT Grinnell	L1240	N/A	P.O. QP1547	1987	Replaced	No
Tubing Cylinder	ITT Grinnell	Unknown	N/A	P.O. QP0507	1986	Replaced	No
Piston Rod Assembly	ITT Grinnell	Piston - DR Rod - BF	N/A	P.O. QP5011	1990	Replaced	No
Load Stud Nut	ITT Grinnell	L1240	N/A	P.O. QP1547	1987	Replacement	No
Tubing Cylinder	ITT Grinnell	Unknown	N/A	P.O. QP3733	1989	Replacement	No
Piston Rod Assembly	ITT Grinnell	Piston - B69 Rod - B55	N/A	P.O. QP1546	1987	Replacement	No

7. Description Of Work

Snubber MS-R132B was removed from its support by Williams Power Corporation, was tested and rebuilt by Wyle Laboratories and was reinstalled by Williams Power Corporation. The load stud nut damaged during removal was replaced with an approved equal. The tubing cylinder and piston rod assembly were replaced during rebuild. Ref: MIFs 03035203, 03035343

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 2 of 2
N11 - WO02007430	

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Olson Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and Employed by HSB-CT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/22/03 to 5/29/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/29/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E13 - WO03002610	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Al. 36319	FNP 1 Date April 22, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Containment Spray System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Hyd. Snubber	ITT Grinnell	9879	N/A	P.O. FNP - 222	1976	Replaced	No
Load Stud	ITT Grinnell	Unknown	N/A	P.O. QP-0507	1986	Replaced	No
Load Stud Nuts	ITT Grinnell	34789	N/A	P.O. QP-5677	1991	Replaced	No
Pivot Pin	ITT Grinnell	Unknown	N/A	P.O. FNP - 222	1976	Replaced	No
Hyd. Snubber	ITT Grinnell	19546	N/A	P.O. FNP - 222	1976	Replacement	No
Load Stud	ITT Grinnell	Unknown	N/A	P.O. QP-1547	1987	Replacement	No
Load Stud Nuts	ITT Grinnell	Unknown	N/A	P.O. QP-5677	1991	Replacement	No
Pivot Pin	ITT Grinnell	09B	N/A	P.O. QP-6268	1991	Replacement	No

7. Description Of Work

Snubber CS-R290A was removed from its support by Alabama Power Company and was replaced with another ITT Grinnell snubber by Alabama Power Company. The load stud, load stud nuts and pivot pin were replaced with approved equals.

Ref: MIFs 03037821, 03037835

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
E13 - WO03002610	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Moore Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford Connecticut have inspected the components described in this Owner's Report during the period 4/22/03 to 5/28/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles E Ward Commissions GA 326 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/28/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType : L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
B21 - WO02007405	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1
		Date April 18, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Steam Generator System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	37953	N/A	P.O. QP1470	1987	Replaced	No
Hyd. Snubber	Lisega	0261551. / 097	N/A	P.O. QP020655	2002	Replacement	No

7. Description Of Work

Snubber FT-424C was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. Ref: MIF 03034224

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 2 of 2
B21 - WO02007405	

9. **Remarks (Applicable Manufacturer's Data Reports To Be Attached)**

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Ullman Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/26/03 to 5/28/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions GA 328 INA

National Board, State, Province, and Endorsements

Date 5/28/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO02007315	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1
		Date April 23, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Chemical and Volume Control System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Load Stud	Pacific Scientific	Unknown	N/A	P.O. FNP-222	1976	Replaced	No
Load Stud Nuts	Pacific Scientific	Unknown	N/A	P.O. FNP-222	1976	Replaced	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load Stud Nuts	Grinnell	Unknown	N/a	P.O. QP3129	1989	Replacement	No

7. Description Of Work

Snubber SS-4719A was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was reinstalled by Williams Power Corporation. The load stud and nuts damaged during removal were replaced with approved equals. Ref: MIF 03035849

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 2 of 2
E21 - WO02007315	

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Mrm Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/28/03 to 5/28/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/28/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
G24 - WO02007424	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1
		Date April 23, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
	Authorization Number N/A
Address : Joseph M. Farley Nuclear Plant	Expiration Date N/A

4. Identification Of System

Steam Generator Blowdown Treatment System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	20096	N/A	P.O. 38779	1985	Replaced	No
Load Stud	Pacific Scientific	Unknown	N/A	P.O. FNP-222	1975	Replaced	No
Load Stud Nuts	Pacific Scientific	Unknown	N/A	P.O. FNP-222	1975	Replace	No
Hyd. Snubber	Lisega	0261551. / 061	N/A	P.O. QP020655	2002	Replacement	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load stud Nuts	Grinnell	Unknown	N/A	P.O. Qp3129	1989	Replacement	No

7. Description Of Work

Snubber SS-4587C was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The load stud and load stud nuts damaged during removal were replaced with approved equals. Ref: MIFs 03034252, 03036073

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
G24 - WO02007424	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Moon Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/28/03 to 5/28/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Wood Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/28/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType : L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO02007420	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1
		Date April 23, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Chemical and Volume Control System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	15070	N/A	P.O. QP1299	1980	Replaced	Yes
Bolt	Unknown	Unknown	N/A	Unknown	UNK	Replaced	No
Nut	Unknown	Unknown	N/A	Unknown	UNK	Replaced	No
Hyd. Snubber	Lisega	0261551. / 074	N/A	P.O. QP020655	2002	Replacement	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load Stud Nuts	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No

7. Description Of Work

Snubber SS-2711 was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The load stud and load stud nuts damaged during removal were replaced with approved equals. Ref: MIFs 03034197, 03036332

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 2 of 2
E21 - WO02007420	

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this ASME Code, Section XI. replacement (repair or replacement) conforms to the rules of the

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Moore Date 5/15/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/28/03 to 5/28/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/28/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WA675306	

1. Owner
Southern Nuclear Operating Company
40 Inverness Center Parkway
Birmingham, Alabama 35242
(as agent for Alabama Power Company)

2. Plant
Farley Nuclear Plant
Highway 95 South
Columbia, Alabama 36319

Unit FNP 1

Date January 11, 2002

3. Work performed by

Name : Southern Nuclear Operating Company Maintenance Department

Address : Joseph M. Farley Nuclear Plant

Type Code Symbol Stamp N/A

Authorization Number N/A

Expiration Date N/A

4. Identification of System
Chemical & Volume Control System

5.
(a) Applicable Construction Code: ASME Section III, 19 71 Edition Summer 1971 Addenda, N/A Code Case
(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Inboard Seal Housing	Pacific Pump	2E299-AA	N/A	P. O. QP-3929	1989	Replaced	No
Outboard Seal Housing	Pacific Pump	2E299-AC	N/A	P. O. QP-3929	1989	Replaced	No
Inboard Seal Housing	Pacific Pump	2E299-AE	N/A	P. O. QP-3929	1989	Replacement	No
Outboard Seal Housing	Pacific Pump	2E299-AD	N/A	P. O. QP-3929	1989	Replacement	No

7. Description of Work
As a part of a scheduled maintenance plan, the mechanical seals for Charging Pump Q1E21P0002C were replaced with new seals. The new seals were installed as an assembly in previously refurbished seal housings. Ref: MIF 01053841.

8. Test Conducted
☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other
Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	
E21 - WA675306	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

The replaced seal housings were installed under work order 98004763.

The replacement seal housings were removed from Charging Pump Q2E21P0002B under work order 99005644 and refurbished under work order 01005747.

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Mun Maintenance Manager Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 1/7/03 to 5/27/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/27/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO02007412	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1 Date April 18, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Safety Injection System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	1939	N/A	P.O. FNP 2-29	1977	Replaced	No
Bolt (2)	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Nut (2)	Unknown	Unknown	N/A	Unknown	Unk	Replaced	No
Hyd. Snubber	Lisega	0261551. / 071	N/A	P.O. QP020655	2002	Replacement	No
Load Stud	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load Stud Nuts	Grinnell	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Pivot Pin	Pacific Scientific	N2561	N/A	P.O. QP1536	1987	Replacement	No

7. Description Of Work

Snubber SS-1975E was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. The bolts and nuts found securing the snubber at both ends were replaced with approved load stud, load stud nuts and pivot pin. Ref: MIFs 03034210, 03036034

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
E21 - WO02007412	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Miller Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/28/03 to 5/27/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/27/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO02007316	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1
		Date April 23, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Chemical and Volume Control System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition ____ Addenda, ____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Load Stud	Pacific Scientific	Unknown	N/A	P.O. FNP-222	1975	Replaced	No
Load Stud Nuts	Pacific Scientific	Unknown	N/A	P.O. FNP-222	1975	Replaced	No
Load Stud	Pacific Scientific	Unknown	N/A	P.O. QP3129	1989	Replacement	No
Load Stud Nuts	Pacific Scientific	Unknown	N/a	P.O. QP3129	1989	Replacement	No

7. Description Of Work

Snubber SS-4719B was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was reinstalled by Williams Power Corporation. The load stud and nuts were damaged during removal and replaced with approved equals. Ref: MIF 03035851

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure ____ PSI Temperature ____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	
E21 - WO02007316	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed [signature] Date 5/16/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB - CT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/28/03 to 5/27/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[signature] Commissions GA 328 INA

Inspector's Signature — National Board, State, Province, and Endorsements

Date 5/27/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
G24 - WO03002495	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date April 20, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Steam Generator Blowdown System

5.

(a) Applicable Construction Code: ASME Section III, 19 71 Edition Winter 1972 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Stud (2)	Texas Bolt Company	RR43	N/A	Daniel Construction Co. P. O. 7047-Q-62015	1973	Replaced	No
Nut (4)	Texas Bolt Company	RR66	N/A	Daniel Construction Co. P. O. 7047-Q-62015	1973	Replaced	No
Stud (2)	Texas Bolt Company	6096034	N/A	P. O. QP000766	1997	Replacement	No
Nut (4)	Texas Bolt Company	1258911	N/A	P. O. QP000448	1992	Replacement	No

7. Description of Work

During removal of the Steam Generator Blowdown piping upper spoolpiece on the 1C Steam Generator, two (2) studs and four (4) nuts galled and were replaced with new parts. Ref: MIF 03037385.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	
G24 - WO03002495	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Mon Maintenance Manager Date 5/5/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB - CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/18/03 to 5/12/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 5/12/03

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 1 of 2
B21 - WO02007407	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, AL 36319	FNP 1
		Date April 18, 2003

3. Work Performed By	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification Of System

Steam Generator System

5.

(a) Applicable Construction Code: See sheet 2, 19 ____ Edition _____ Addenda, _____ Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification Of Components Repaired Or Replaced and Replacement Components :

Name Of Component	Name Of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped (Yes / No)
Mech. Snubber	Pacific Scientific	37971	N/A	P.O. QP1470	1987	Replaced	No
Hyd. Snubber	Lisega	0261551. / 062	N/A	P.O. QP020655	2002	Replacement	No

7. Description Of Work

Snubber FT-436A was removed from its support by Williams Power Corporation, tested by Wyle Laboratories and was replaced with a Lisega hydraulic snubber by Williams Power Corporation as part of a scheduled upgrade program. Ref: MIF 03034219

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report For Repairs Or Replacements

RType: L1.52

As Required By The Provisions Of The ASME Code Section XI

Job Number	Sheet 2 of 2
B21 - WO02007407	

9. Remarks (Applicable Manufacturer's Data Reports To Be Attached)

* Pipe hanger was designed to AISC requirements and welded to AWS requirements using material traceability requirements of ASME Section III.

Certificate of Compliance

We certify that the statements made in this report are correct and this ASME Code, Section XI. replacement (repair or replacement) conforms to the rules of the

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B Moore Date 5/6/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and Employed by HSB-CT of Hartford Connecticut have inspected the components described in this Owner's Report during the period 3/26/03 to 5/13/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Inspector's Signature

Commissions GA 328 INA

National Board, State, Province, and Endorsements

Date 5/13/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO01008886	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date April 29, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Chemical & Volume Control System

5.

(a) Applicable Construction Code: ASME Section III, 19 68 Edition Winter 1970 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Plug	Copes-Vulcan	815892	N/A	P. O. FNP-2	1972	Replaced	No
Plug	Copes-Vulcan	7621-96166-8	N/A	P. O. FNP-1893	1977	Replacement	Yes

7. Description of Work

During an attempt to replace the diaphragm for another valve, the system could not be isolated due to Letdown High Temperature Divert Valve Q1E21V0353 leaking past the seat. The valve was disassembled and the upper seat o-ring was found to be in several pieces. The decision was made to replace the plug assembly (plug, stem, cage, upper & lower seats). Ref: MIF 03036815.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 2 of 2
E21 - WO01008886	

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed B C Moon Maintenance Manager Date 6/27/03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSB-CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/14/03 to 7/1/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA328 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 7/1/03

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	Sheet 1 of 2
E21 - WO01008264	

1. Owner	2. Plant	Unit
Southern Nuclear Operating Company 40 Inverness Center Parkway Birmingham, Alabama 35242 (as agent for Alabama Power Company)	Farley Nuclear Plant Highway 95 South Columbia, Alabama 36319	FNP 1 Date April 29, 2003

3. Work performed by	Type Code Symbol Stamp
Name : Southern Nuclear Operating Company Maintenance Department	N/A
Address : Joseph M. Farley Nuclear Plant	Authorization Number N/A
	Expiration Date N/A

4. Identification of System

Chemical & Volume Control System

5.

(a) Applicable Construction Code: ASME Section III, 19 74 Edition Summer 1975 Addenda, N/A Code Case

(b) Applicable Section XI Utilized For Repairs Or Replacements, 19 89 Edition N/A Addenda, N/A Code Case

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes / No)
Bonnet	Velan	1A5	N/A	P. O. QP-6542	1992	Replaced	No
Disc	Velan	35L	N/A	P. O. QP-6542	1992	Replaced	No
Bonnet	Velan	931	N/A	P. O. QP020446	2003	Replacement	Yes
Disc	Velan	930	N/A	P. O. QP020446	2003	Replacement	Yes

7. Description of Work

Charging Flow Regulating Valve (FCV0122) Bypass Valve Q1E21V0135 was reported to be leaking by the seat. The valve was disassembled and inspected and the disc was found to be cut and pitted beyond repair. A new bonnet and disc was installed in the valve as part of a new bellows assembly. Ref: MIF 03036167.

8. Test Conducted

☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ None ☐ Other

Pressure _____ PSI Temperature _____ °F

Form NIS-2 Owner's Report for Repairs or Replacements

RType : L1.52

As required by the provisions of the ASME Code Section XI

Job Number	
E21 - WO01008264	Sheet 2 of 2

9. Remarks (Applicable Manufacturer's Data Reports to be attached)

The new bonnet was seal welded to the body after installation

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement (repair or replacement) conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization Number N/A Expiration Date N/A

Signed R Munn Maintenance Manager Date 6-17-03

Owner or Owner's Designee, Title

Certificate of Inservice Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of GEORGIA and employed by HSB-CT of HARTFORD CONNECTICUT have inspected the components described in this Owner's Report during the period 4/13/03 to 6/18/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Charles G Ward Commissions GA 326 INA

Inspector's Signature National Board, State, Province, and Endorsements

Date 6/18/03

S031002

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

1. Manufactured and certified by VELAN INC., 2125 WARD AVE., MONTREAL., QUEBEC, CANADA H4M 1T6
(name and address of NPT Certificate holder)

2. Manufactured for ALABAMA POWER COMPANY, SOUTHERN NUCLEAR OPER. CO. BIRMINGHAM, AL
(name and address of Purchaser)

3. Location of installation FARLEY NUCLEAR PLANT - HWY 9
(name and address)

4. Type: P1-77099-N-1, REV. D (drawing no.) | UNS N99644, ALLOY 40 (mat'l spec. no.) | N/A (tensile strength) | N/A (CRN) | 2003 (year built)

5. ASME Code, Section III, Division 1: 1974 (edition) | SUMMER 1975 (addenda date) | 2 (class) | N/A (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A (no.) Revision N/A Date N/A

7. Remarks: DISC FOR BELLOWS ASSEMBLY 2" - W08-4096S-13AA FOR P011-229770-N ITEM # 1A QTY 1

BONNET FOR BELLOWS ASSEMBLY - 2" W08-4096S-13AA FOR P011-229770-N ITEM 1E QTY 1 (ONE)

DISC TRACE CODE: 36F ASME SECTION II PART A EDITION 1986 ADDENDA NONE FOR BONNET TRACE: 2CZE

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

	Part or appurtenance Serial Number	National Board No. in Numerical Order
(1)	930 - DISC	
(2)	931 - BONNET	
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		
(11)		
(12)		
(13)		
(14)		
(15)		
(16)		
(17)		
(18)		
(19)		
(20)		
(21)		
(22)		
(23)		
(24)		
(25)		

	Part or appurtenance Serial Number	National Board No. in Numerical Order
(26)		
(27)		
(28)		
(29)		
(30)		
(31)		
(32)		
(33)		
(34)		
(35)		
(36)		
(37)		
(38)		
(39)		
(40)		
(41)		
(42)		
(43)		
(44)		
(45)		
(46)		
(47)		
(48)		
(49)		
(50)		

10. Design pressure N/A psi. Temp. N/A °F. Hydro test pressure N/A at temp.°F

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM N-2 (Back - Pg. 2 OF 2)

Certificate Holder's Serial Nos. 930 through 931

CERTIFICATION OF DESIGN

Design specifications certified by N/A P.E.State N/A Reg.no N/A
(when applicable)

Design report* certified by N/A P.E.State N/A Reg.no N/A
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) DISC & BONNET conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-2798-1 Expires APRIL 20, 2004

Date 02/11/03 Name VELAN INC. Signed Cathy O'Donnell
(NPT Certificate Holder) (Authorized Representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board and Pressure Vessel Inspectors and the State or Province of Quebec and employed by the Province of Quebec have inspected these items described in this Data Report on February 14/2003, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. J. MARCHAND QC # 8714

Date 03-02-14 Signed [signature] Commissions RÉGIE DU BÂTIMENT DU QUÉBEC (K1)
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)